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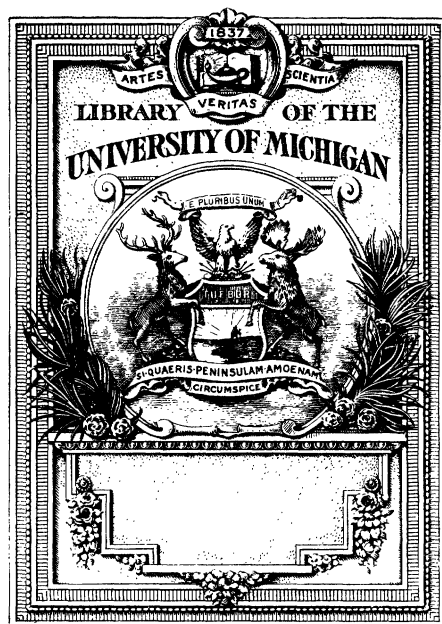
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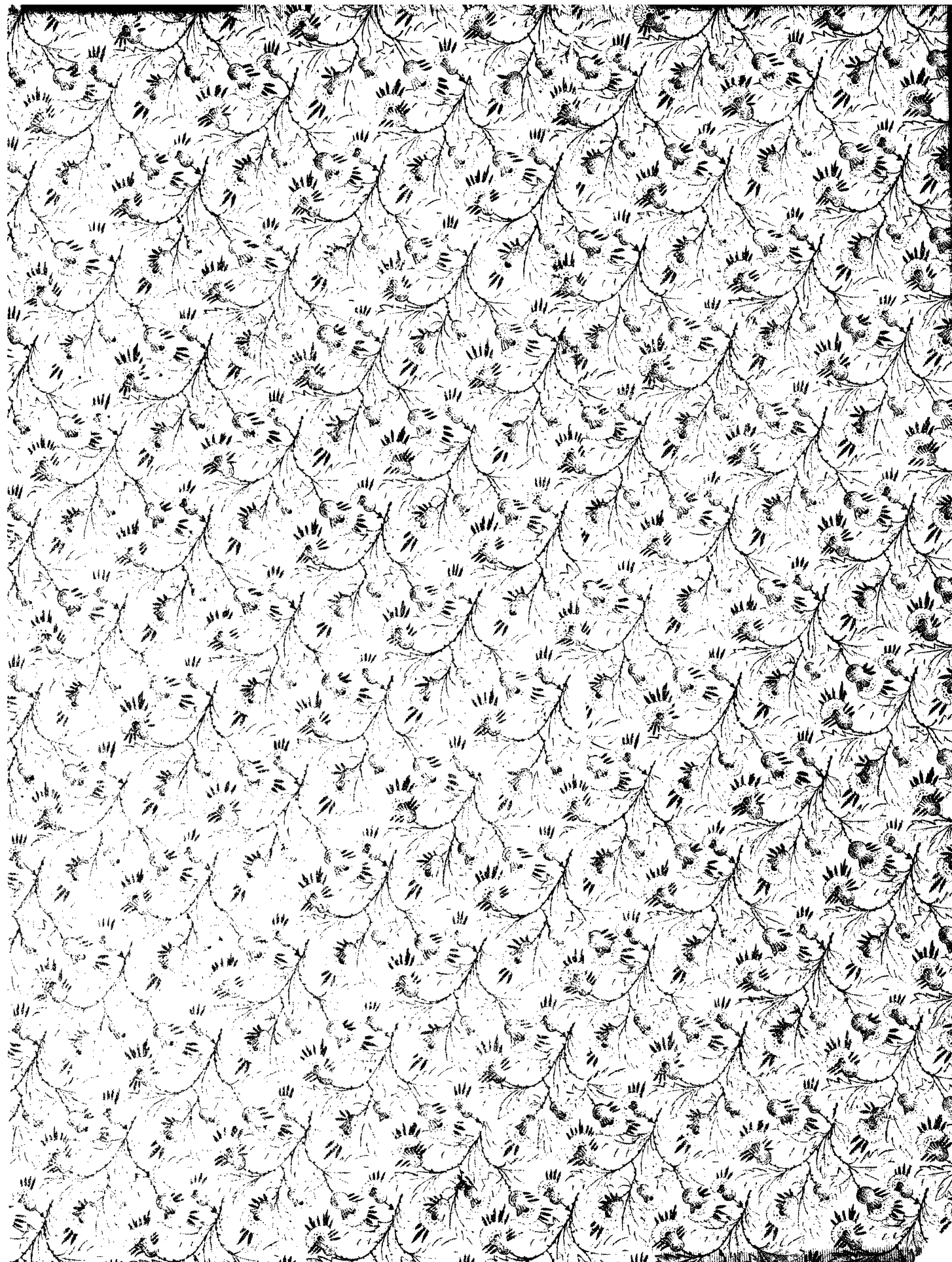
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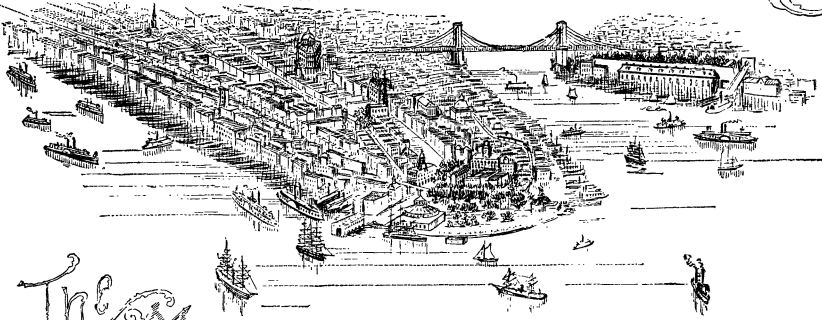
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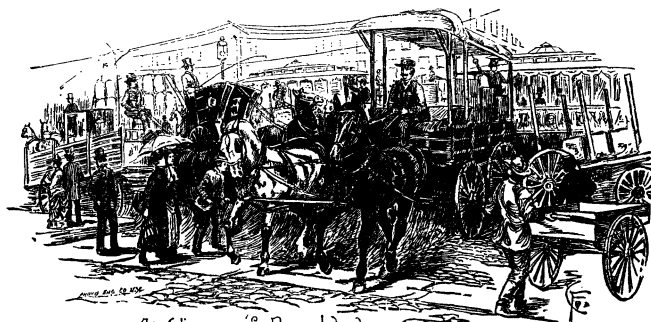
ILLUSTRATED NEW YORK



The METROPOLIS OF TO-DAY.

NEW YORK The metropolis of the Western Hemisphere, is to-day the most wonderful city in the world. Second only to London as a financial and commercial centre, it is making such rapid strides that a recent prophecy made in Wall Street, that the city is soon destined to become the chief money mart of the globe, now appears to be rapidly materializing. The many distinctive features of foreign life found within its limits is entirely unlike that of any other city. With more sons of the Emerald Isle than can be found in Dublin; a greater population of Germans than are included in any city of the Fatherland, alone excepting Berlin; Italy having a larger representation than Naples can boast of; more Hebrew residents than can be enumerated in the leading city of their fathers; a Chinese contingent sufficiently numerous to have their separate places of trade, worship, and amusement; and thousands of representatives of nearly every prominent nation on the face of the earth, and, with it all, thoroughly American.

A work on "The World, Its Cities, and People," gives considerable space to New York, and says, "No description of New York can be perfect which omits the superlative adjectives; for one of the foremost

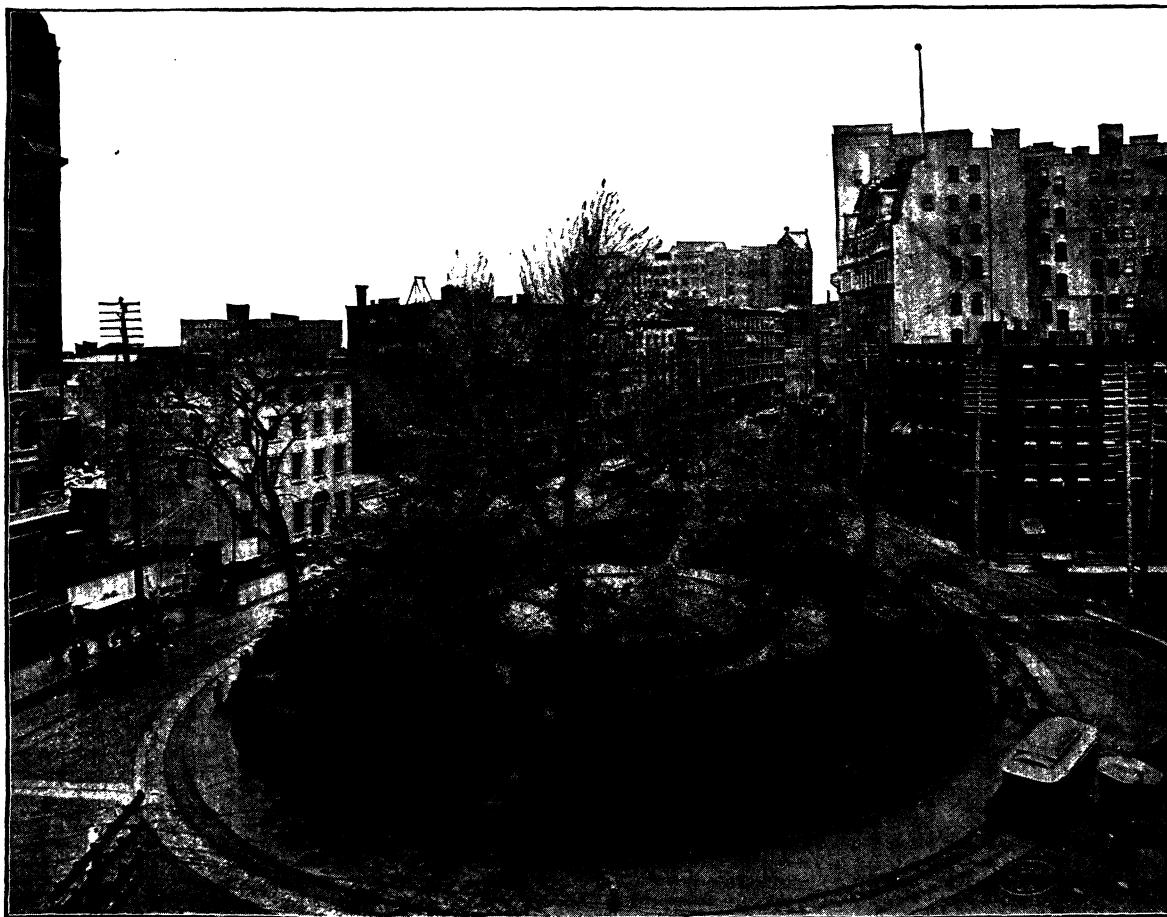


A Glimpse of Broadway

ambitions of the builders of the city has been to secure superlative effects. Nor are the standards of comparison American only; for the harbor is more beautiful, the streets more unclean, Broadway more brilliant, the commercial buildings more pretentious, the tenement-houses more crowded, the parks more lovely, than the similar appurtenances of the cities of Europe and Asia, with but a few exceptions. Pope's celebrated characterization of Lord Bacon, superlative in praise and censure, wisest, brightest, meanest, might be paraphrased as an epigram on New York. It is popularly known as the Empire City; but Irving, its most honored son, also called it Gotham, the 'Home of the Wiseacres,' after the stupid old village of Nottinghamshire, and this title, too, is in common use. As Mr. G. J. Holyoake has expressed it, 'New York itself is a miracle which a large book would not be sufficient to explain. When I stepped ashore, then I thought I was in a larger Rotterdam; when I found my way to Broadway, it seemed as though I was in Paris, and that Paris had taken to business. There were quaintness, grace and gaiety, brightness and grimness, all about.' Mr. Moncure D. Conway says: 'There isn't a city so attractive elsewhere on earth.' 'See Naples and die' was an adage before New York became so beautiful, but it should be changed to 'See New York and live.' As Colley Grattan saw the town, it 'looked half Dutch, half French, something between Paris and Rotterdam.' In the quieter streets, M. Ampère fancied that he 'found once more the ancient little Hollandish city, as calm, as phlegmatic, as the American city is active and ardent. The Marquis of Lorne saw it as an odd mixture of all sorts of European towns, but unlike any one of them! Anthony Trollope wrote that "no other American city is so intensely American as New York."

The population of New York exceeds a million and a half, and the area of the city is 27,000 acres of ground, the extreme length being near seventeen miles, and from one-half to four and one-half miles wide. Its importance throughout the civilized world is felt and recognized, and through its portals come nearly all the emigrants that reach this country, the number having been as high as 476,086 in a single year. Its position to-day is sure, and the metropolis now will be so until the end of time. The future of New York, from its unexceptional location, is assured, and from the present may spring a colossal city, rivalling London itself in population.

To substantiate this, we have only to observe the immediate country surrounding the city. Brooklyn has long been simply the habitable quarter of New York, nearest to business and cheapest for residence. The New York elevated railways, which would have thrown that quarter into the distance, are balanced by the great Brooklyn Bridge and its steam transit, and the prospective Blackwell's Island Bridge. Brooklyn has already about three-quarters of a million inhabitants, and it has ample room for unlimited growth, over the level fields of Long Island stretching out eastward, and can spread southward ten miles to the sea if needs be. A cluster of cities with an aggregate of near a half million has already grown up on the New Jersey arms and affluents of our metropolitan harbor. More foreign goods are now landed in Jersey City and Hoboken than in any other place in the United States, except New York. Paterson is one of the greatest silk factories in the world. It makes nearly all the sewing silks and two-thirds of the colored silk dress goods and ribbons sold in this country, and is besides eminent in the building of locomotives and machinery. Newark is a swarming hive of industry, with 150,000 inhabitants. It is the special seat of gold, jewelry, leather, small hardware, and thread manufacture. Of the whole west side congeries of cities, it is the natural and the actual nucleus—stretching its gas and electric-lighted streets in every direction, to Elizabeth, to Orange, to Bloomfield, to Montclair, and seven miles along the Passaic on both sides. Newark is a city of special character, quite the antipodes of Paterson or any other mill city. Instead of machine tenders, it is full of skilled artisans, and hence it is and always will be the home of the finer mechanical arts. At Elizabethport sewing machines for half of the world are made. Jersey City is a rapid growing environ of New York, it stretching away to the north, until Hoboken begins its incorporated existence, both cities being important business points, and bearing a close and intimate relation with the great centre. To the north, east, west, and even south (which includes the popular and attractive Staten Island), the numerous cities and towns are all adjuncts and parts of the great city of New York. While all these may not be more closely cemented together, under one incorporated head with New York, it is not an improbable result of the future to state that Brooklyn and the smaller cities on that side of East River will become a part of the greater city. The West will have great cities, but New York will be as distinctly the metropolis a hundred years hence as it is to-day. Having briefly looked into the future, we must now



Bowling Green and Lower Broadway.

invite our readers to a retrospect, before entering fully into the subject of a general description of New York.

THE SETTLEMENT AND EARLY GROWTH.

To tell the story of the discovery, settlement, and upbuilding of New York is to relate the history of the early days of the great Republic, for through the portals of the world-renowned metropolis of the Western hemisphere the first colonists of the "new land" came from the too-much governed countries of Europe, spread themselves over the Red Men's domain from ocean to ocean, and founded a nation the like of which never before existed and which to-day is the envy and admiration of both Christendom and Heathendom. The growth of the New World and its metropolis have been marvelous, and in the whole realm of history, ancient and modern, no parallel record is to be found. The pioneer settlers were fugitives from despotic rule, hunters for freedom and peaceful homes, and men ready to face dangers by flood and field to win habitations and liberty for themselves and families. The country of which they laid the foundations has become one of the most extensive and populous on the globe, and while it has been developing its resources, materializing its entombed wealth, perfecting its free institutions, and teaching the rest of the world the lesson of self-government, the dynasties of the Old World have been losing their grip upon the people, tottering to their fall, and, in some instances, losing their very identity by absorption.

Eleven years before the Puritans stepped from the Mayflower on to the historic rock of Plymouth, an Englishman, Henry Hudson, a navigator in the service of the Dutch, had found his way to New York Bay, and there discovered what is now the western terminus of the principal ocean-ferris of two vast Christian continents, and, prospectively, the leading city in the world. This was in 1609. Tradition, however, has

it that seventy-years before this epoch, a Florentine, named Verrazano, in the employ of the French Government, was in New York Bay with a ship. If truth is in the tradition, neither Verrazano nor his employers deemed it worth while to take advantage of the discovery of what has proved to be the gateway to the chief city of one of the greatest nations of the earth. Hudson and his employers, however, were of a different mould. Hudson sailed up the beautiful river which has since borne his name, and proceeded as far as the present site of Albany. The country thus discovered was inhabited by the Mohawks, a formidable and war-like tribe of Indians; and the Mannhattans, who inhabited the island on which New York City is built, were also a fierce and warlike nation.

In 1610 a ship was sent from Amsterdam to trade with these Indians, and other voyages were made during the succeeding years. In 1613 small trading posts were erected on the river, and several houses were built on Manhattan Island. On the 29th March, 1614, their High Mightinesses the States General of the United Netherlands passed an ordinance granting to all original discoverers of land in North America the exclusive privilege of making four voyages to each, for the purposes of trade. Under this ordinance five ships were despatched the same year by a company of merchants. They explored extensively the coast of New York. The country extending between the Connecticut and Delaware rivers received the name of New Netherlands, and the exclusive right to trade there for three years, from October 11, 1614, was granted to the discoverers, who, upon the passage of this grant, formed themselves into a company, called the United Netherlands Company. This company built, among other forts, one on the southern point of Manhattan Island. The grant expiring in 1618, the company petitioned for its renewal in vain. Private traders, however, continued to visit the country for the purposes of traffic. In June, 1621, an armed mercantile association was chartered as the Dutch West India Company, and this corporation, on the 20th of June, 1623, sent out a ship called the New Netherlands to their newly acquired possessions. In 1624, Peter Minuit, having been appointed director of these possessions, came from Amsterdam with several families of Walloons, inhabitants of the frontiers of Belgium and France. These settled on a bay of Long Island, and it was called from them Wahlebocht, or bay of foreigners, a name since corrupted into Wallabout. The government was vested in the director and a council of five. The important officer of the colony was the Schout Fiscal, who filled both the offices of sheriff and attorney-general. Under the superintendence of these authorities the trade of the colony prospered. In 1626 Staten Island was purchased of the Indians, and in the same year Manhattan Island was purchased with goods valued at twenty-four dollars! The fort upon the island received the title of Fort Amsterdam, and the colony that of New Amsterdam. Though the island remained a mere trading post for a few years, it had now entered upon that career which has culminated in a

CITY RANKING THIRD IN THE WORLD

in extent and population, and the first in commerce.

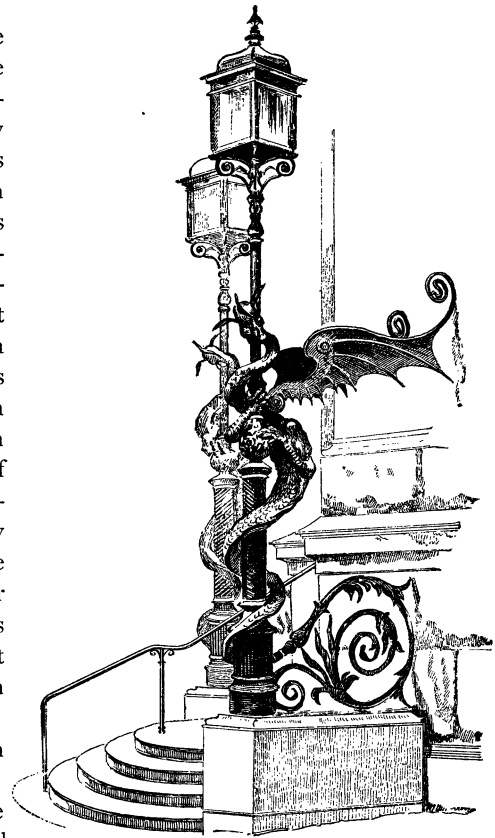
In 1632 Minuit was recalled, and the government of Wouter Van Twiller installed; and after a lapse of five years of mal-administration, Van Twiller was succeeded by William Kieft. During the administration of Van Twiller, difficulties arose between the English settlers on the Connecticut River and the Dutch authorities, the English claiming, and the Dutch denying, the region watered by the Connecticut. In 1638 the restrictions which had previously been placed upon trade by the Dutch West India Company were taken off and free traffic encouraged. This step gave a new impulse to emigration. Persecution, too, drove many colonists from New England and Virginia to settle among the more tolerant Dutch, and in the mean time the aggressive disposition of the English continued. The Dutch colonists had also discontented Indians to deal with. The latter saw with daily increasing envy and dislike the heritage of their fathers thus falling from them. War was the consequence, and for five years it desolated the colony. In 1645, Peter Stuyvesant, whose name is inseparably associated with the early history of New York, became the governor, and only terminated his administration by the capture of his colony by the English on the 6th of September, 1664. It was then that the present busy island of Manhattan took its

NAME OF NEW YORK,

out of compliment to the Duke of York, to whom the conquered colony was granted by his brother, the King of England. Colonel Nichols was appointed governor, and he, on June 12, 1666, granted a

charter to the city of New York. The Dutch, however, recaptured the colony on August 7, 1673, and they at once changed the name to New Orange, of which Captain Anthony Colve was appointed governor. The colony, however, was not destined to be Dutch, for by the treaty of February 9, 1674, it was restored to the English, and in the following autumn, as the representative of the Duke of York, Colonel Nichols again assumed position as governor and restored to the place the name New York. In 1685 the duke ascended the English throne as James II., but the Revolution of 1688 cut short his reign and he was succeeded by William III. and Mary as heritors of the throne. In the year succeeding this event an insurrection was raised by Jacob Leister, who overthrew the unpopular administration of Nichols, and strengthened the fort by a battery of six guns outside its walls. This was the origin of the "Battery," of which more anon. Leister, however, was in 1691 seized and executed for treason and murder. From this time on no important event transpired until 1741, when an alleged discovery was made of a plot on the part of slaves—for New York was early engaged in the slave trade—to burn the city and murder the white colonists. Twenty negroes were hanged, a lesser number were burned at the stake, and seventy-five were transported. Three years later war was declared between England and France, and the colonists of New York and New England attacked the French fortress at Louisburg. In retaliation the Indians in the pay of the French subsequently harassed the colonists.

Peace having been secured by treaty between the French and English in 1748, the colony prospered for a few years, and it had barely recovered from the wars when, in 1754, the French resumed hostilities, and they were not quieted until their power was crippled and they were compelled to surrender their possessions east of the Mississippi on September 8, 1759. Five years had barely elapsed before the colonists, who had been spending their treasure and blood for British conquest, were eager to take up arms, as they subsequently did successfully, against English dominion in the colonies. The imposition of the Stamp Act in 1764 and the other atrocities of the British Government which followed it led to that famous struggle for independence with which every school-boy is so familiar that it need not be enlarged upon here. The citizens of New York were amongst the first to resist the oppression. In 1765 the "Sons of Liberty" were organized to oppose the Stamp Act, and in October of the same year a congress composed of delegates from the colonies of the New England and Middle States met in this city to take into consideration their grievances. South Carolina had also delegates here. This congress made declaration of



Steps Leading into Washington Building.

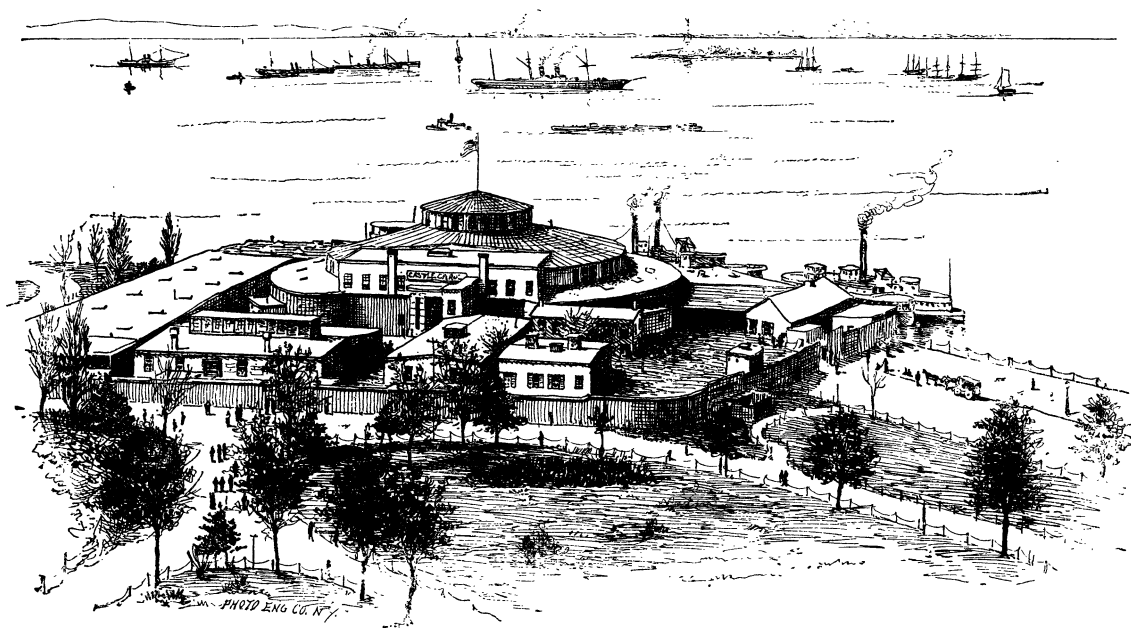
THE PRIVILEGES AND RIGHTS OF THE COLONISTS.

Liberty-poles had at this period been frequently erected in New York City, and as often been destroyed by the British soldiery. In 1770 a meeting of three thousand citizens resolved not to submit to British oppression; and in 1773 a Vigilance Committee was formed to resist the landing of taxed tea; and in the following year the committee sent back to England a tea-laden vessel, and from another ship they threw eighteen chests of tea overboard. In April, 1775, a provincial convention met at New York, and elected delegates to the second congress. The colonists of Massachusetts, however, had struck the match of the Revolution, and the news of the battle of Lexington caused great excitement in New York. The arms of the city were ordered to Boston, but before they could be shipped they were seized by the authorities. The war had now commenced, and the fortunes of the Continent!

army from this time to the acknowledgment by England of the will of the "sovereign people" were various. In the State of New York were fought many of the famous battles of the period—those of Brooklyn Heights, Harlem Heights, Bemis' Heights, Stony Point, Ticonderoga, Fort Schuyler, Stillwater, and Saratoga, at the last of which General Burgoyne surrendered to the Americans. On the 18th of September, 1776, as a result of the disastrous defeat of the American troops, under General Washington, on Long Island, New York City fell into the hands of the British troops, who held it until the 26th of November, 1783, when they evacuated it—an event still annually celebrated under the name of "Evacuation Day." New York then became the

CAPITAL OF THE STATE AND SEAT OF THE GOVERNMENT

of the United States. As the State capital it held the distinction from 1784 to 1797, and as the capital of the nation from 1795 to 1798. In the latter year the adoption of the National Constitution in



Battery Park and Castle Garden.

the previous year at Philadelphia was celebrated in grand style in New York; and on April 30, 1789, Washington was inaugurated at the old City Hall, which stood on the site of the present Treasury Building, as the first President of the United States. In the war with England from 1812 to 1815, New York contributed of her best blood and treasure; and when the tocsin of rebellion against the Union was sounded in the South in 1861, the patriotic citizens of the metropolis were prompt and decisive in meeting the foe. Barracks were speedily erected on the public squares; immense fleets left the port with vast armies of men for the southern coasts, and 116,382 stalwart sons of New York went into the field to do battle for the preservation of the Union. In 1863, however, when the Confederate armies were sweeping victoriously into the Northern States, the militia regiments which had been retained in the city in the interests of order were despatched to give relief to the hard-pressed Federal forces. Then the thieves and cutthroats in the city came from out of their haunts and established for a time a reign of terror. Wherever a soldier or a negro was found he was killed, and mansions and stores were plundered and robbed on every hand. For several days the marauders held high carnival, indeed, until troops could be brought back to the city, when, before an unsparing use of bayonet and grape-shot they either succumbed or hurried into their hiding-places. Since that terrible day the metropolis has done homage by statues to the memory of her brave sons who fell in the

internecine conflict, and to-day it offers, as the great portal of a mighty continent, a haven of refuge for the downtrodden and oppressed, and a home for the skilled, diligent, and ambitious of the nations beyond the seas.

Having thus told in brief the story of the discovery of the Island of Manhattan and of its struggles against foreign domination and for self-government, it is fitting we should make reference to the

MAGNIFICENT MARINE GATEWAY

of the glorious New World, through which the surplus population of Europe chiefly enters into the "Promised Land." M. Ampère has put on record his opinion that the three grandest commercial scenes in the world are the Thames between London and Greenwich, the docks of Liverpool, and the two river-banks of New York, where one may walk for hours between a range of buildings and a range of ships. The harbor has been pronounced by travellers who have visited all parts of the habitable globe to be one of the most beautiful in the world, and to have but one successful rival on the Atlantic ocean—the harbor of Rio de Janeiro. The harbor of New York consists of two bays, known as the Lower New York Bay and New York Bay. The lower bay opens directly into the ocean, and is formed by Sandy Hook and its bar. It is eighteen miles from the city, and may be crossed by two deep ship-canals from 21 to 32 feet deep at ebb tide, and from 27 to 39 feet at the flood, thus admitting ships of the greatest draught. From this bay the harbor proper—New York Bay—is entered by the magnificent gateway of the Narrows, formed by the approach of the opposite shores of Staten Island and Long Island to within a mile of each other. Nature in one of her bountiful moods formed here a gateway through which no hostile fleet can pass that is not impregnable to shot and shell. On the long Island side are Fort Lafayette, on a reef of rocks 200 yards from the shore, and the far-reaching outworks of Fort Hamilton with its hundred guns, many of which are capable of throwing shot weighing a thousand pounds against the side of a ship. On the western, or Staten Island, shore are Forts Wadsworth (formerly called Richmond) and Tompkins, the latter located on the heights, and the former on the water's edge. Wadsworth is the second strongest fort in the Union, and it can sweep the whole strait with its guns. To pass up through the bays to New York City from the ocean a hostile fleet would find it no pleasurable picnic. The cannonade of the lunette and redoubts on Sandy Hook would be first encountered, next the missiles of 400 pieces of heavy artillery at the Narrows, and after these the pounding of 300 guns on the forts of the inner harbor, to say nothing of the firing of the American fleet and the explosion of torpedoes that would line the narrow channel. New York Bay is from $1\frac{1}{2}$ to $5\frac{1}{2}$ miles broad,—averaging 3 miles,—8 miles long, and about 25 miles in periphery, forming a basin of capacity sufficient to receive the navies of the world. This bay communicates with Newark Bay through the river Kill-von-Kull on the west, separating Staten Island and Bergen Point. From the inner harbor also stretch the Hudson and East rivers. The inner defences of the harbor consist of batteries on Bedloe's and Ellis' Islands, on the west side of the bay; and on Governor's Island, 3,200 feet from the city, are Fort Columbus, in the form of a star, commanding the south side of the channel; on the southwest point, Castle William, a round tower 600 feet in circuit and 60 feet high; and on the southwest side, South Battery, commanding the entrance through Buttermilk Channel. The entrance from the sound to the East River is defended by Fort Schuyler, on Throgg's Neck. Besides the defences mentioned, the whole of the surrounding heights of the bay could, in the case of war, be readily fortified, and Castle Garden and the Battery Esplanade would furnish ready-made sites for an extensive armament. No port in the world could be more easily placed in a condition of defence. The width of the North, or Hudson, River is one mile to Jersey City at the ferry, and one and a half miles to Hoboken. The width of the East River is from one third to half a mile. At the South Ferry it is 1300 yards, at Fulton Ferry 731 yards, and at Catherine Ferry 736 yards. Both the inner and outer harbors present enchanting views. The outer one is bounded with charming effect by the high wood-clad hills of Neversink, the popular beach resorts of the north New Jersey coast, and the Summer cities on Coney Island. The inner harbor is rich in varied scenery, and, besides all the natural beauty of the location, there cannot be a finer spectacle than is presented in the great city spread before it, with its piers crowded with



Coenties Slip and Elevated Railroad.

a dense forest of masts bearing the flags of all nations, the shipping at anchor in midstream, and the countless steamboats and vessels flitting about hither and thither with the greatest activity.

THE NORTH AND EAST RIVERS

are lined by substantial wharves, with notable exceptions, however, and supporting in some instances dingy looking sheds, etc. A foreigner, on getting a first glance at these, especially after having inspected the trim, substantial sea-walls and docks of Liverpool or London, is by no means favorably impressed with the character of the accommodation afforded to shipping, and his eye finds more attraction among the tall, graceful buildings and sky-pointing spires in the background. Yet alongside these weather-beaten and uninviting-looking wooden docks the largest commerce in the world is moored, and the harbor and rivers are open to traffic at all seasons, even when the bays and rivers much further south are frozen up. That the bay and rivers here are kept open for navigation is due to strong currents and to the constant agitation of the water by the tides and numerous vessels that are moving to and fro continuously. The whole harbor, however, was covered with a solid mass of ice in 1780, and again in 1820. Very rarely since has either river been frozen. In the month of January, 1852, the East River was obstructed for a short period, but the North River remained open. Thousands of persons crossed over the ice from Brooklyn to New York. The rise of the tide in the harbor is nearly seven feet. Going northward the rise of the tide increases, and in the Bay of Fundy is ninety feet, the maximum of the coast. Southwardly it decreases, and in the Gulf of Mexico is but eighteen inches. Until about three or four years ago the East River, at a spot called Hell Gate, was somewhat dangerous to vessels owing to the submarine rocks and reefs that abounded; but an upheaval of these water-covered rocks by monster blasts rendered the passage perfectly safe and easy;

and to-day the largest vessels afloat can find safe sailing and anchorage in either of the two rivers named, which are connected at the upper end of New York City by the Harlem River. These rivers, and notably the Hudson River, appropriately called the American Rhine, possess great natural beauty apart from the irregular and unattractive wharves supported on piles and in various conditions of preservation or dilapidation. For years the commercial interests of the city have suffered from bad wharfage, but better piers are now in process of construction, and the future promises much in the line of improvements. On the North River are eighty piers, and on the East River seventy, and the total available water-frontage of New York, not reckoning the New Jersey and Long Island shores, which are fully used for the accommodation of the shipping interest of the city, is $24\frac{3}{4}$ miles. Three notable improvements have long been in contemplation and in some instances begun, to better the condition of the water-front: 1. A permanent river-wall of *béton* and masonry, or masonry alone, so far outside the existing wharf-line as to give a river-street 250 feet wide along the North River, 200 feet wide along the East River, from the southern extremity of the city to Thirty-first Street, and 175 feet wide along both streets above that point. 2. A series of piers projecting from the river-wall, of ample dimensions and adequate construction, which will allow an unobstructed passage of the water. 3. The erection of sheds over these piers suitable to the requirements of the vessels using them. Aside from the attractions briefly mentioned, the two greatest to the stranger, as he approaches the city from the harbor, are

THE STATUE OF LIBERTY AND THE BROOKLYN BRIDGE.

The Statue of "Liberty Enlightening the World" stands on Bedloe's Island. It is the creation of M. Bartholdi, and is the gift of the French people to America. The cost was \$250,000, and the gift was received on Bedloe's Island in June, 1885. Through the efforts of the New York *World* over \$100,000 were raised by subscription to provide the pedestal and to erect the statue thereon. The following are the dimensions of the great work:

	<i>Ft.</i>	<i>In.</i>		<i>Ft.</i>	<i>In.</i>
Height from base to torch.....	151	1	Width of mouth.....	3	0
Foundation of pedestal to torch.....	305	6	Tablet, length.....	23	7
Heel to top of head.....	111	6	Tablet, width.....	13	7
Length of hand.....	16	5	Tablet, thickness.....	2	0
Index-finger.....	8	0	DIMENSIONS OF THE PEDESTAL.		
Circumference at second joint.....	7	6	Height of pedestal.....	89	0
Size of finger-nail.....	13+10 in.		Square sides at base, each.....	62	0
Head from chin to cranium.....	17	3	Square sides at top, each.....	40	0
Head thickness from ear to ear.....	10	0	Grecian columns above base.....	72	8
Distance across the eye.....	2	6	DIMENSIONS OF THE FOUNDATIONS.		
Length of nose.....	4	6	Height of foundation.....	65	0
Right arm, length.....	42	0	Square sides at bottom.....	91	0
Right arm, greatest thickness.....	12	0	Square sides at top.....	66	7
Thickness of waist.....	35	0			

The statue weighs 450,000 pounds, or 225 tons. The bronze alone weighs 200,000 pounds. Forty persons can stand comfortably in the head, and the torch will hold twelve people. The total number of steps in the winding stairway which leads from the base of the foundation to the top of the torch is 403. From the ground to the top of the pedestal there are 195 steps. The number of steps in the statue, from the pedestal to the head, is 154, and the ladder leading up through the extended right arm to the torch has 54 rounds. The electric light in the inside of the torch-lamp aggregates 50,000 candle power, and at the base of the statue 30,000 candle power, being 80,000 candle power in all. The entire electrical plant is the gift of President Goff, of the American System. The entire cost of the work from beginning to end is estimated at \$700,000. The statue of Liberty is the tallest statue in the world.

Brooklyn Bridge is the greatest work in bridge-building the world has ever seen. The construction began in 1871, and the bridge was opened May 24, 1883, the total cost of the erection having been \$15,000,000. The work was conceived by John A. Roebling, and it was built from his plans. In the progress of the work he had his foot crushed, lockjaw supervened and he died. He was succeeded by

his son, Colonel Washington A. Roebling, who, in the caissons, contracted a mysterious disease that had proved fatal to several workmen, and he was rendered a hopeless invalid. The bridge unites the cities of New York and Brooklyn. Its length is 5,989 feet, and its width 89 feet. It is suspended from two massive piers, 287 feet high, by four steel-wire cables, each sixteen inches in diameter. In the centre of the bridge is an elevated promenade, on each side of which is a railroad-track for passenger-cars, propelled by a stationary engine. Outside of the railroad-track, on each side, are the roadways for vehicles. From the under side of the bridge, in the centre, to the water, is 135 feet. The piers rest on caissons of yellow pine, iron, and concrete, sunk in the bed of the river. There is wire enough used in the cables to stretch nearly two thirds of the way around the world. Foot-passengers are charged one cent and railroad-passengers three cents each. Last year the bridge was crossed by 27,436,707 persons, of whom 2,965,400 walked. The receipts were \$755,690, the railroad taking in \$673,580, the carriage-way \$64,518, and the promenade \$17,592. Four "cranks," seeking notoriety, have jumped from the top of the bridge, and one lost his life. During the present year a young painter, working on the under side of the bridge, fell into the river, and was picked up little the worse for his "ducking."

SHIPPING AND COMMERCE.

As the stranger approaches the water-front of the great city he is soon made acquainted with scenes and incidents that have no common fascination. Among the dilapidated-looking old piers, and out on the rivers, are vessels of all kinds and descriptions. Perhaps no part of the water-front is more attractive than those quays on the North River where lie moored the immense ocean steamers that bring us thousands of tourists and immigrants and the most valuable freight from all parts of the Old World. By the sides of these, and extending as far as the eye can carry along the northern and eastern piers, are the neat, trim steamships engaged in carrying commerce between the great metropolis and the Southern ports—Richmond, Charleston, Savannah, New Orleans, Galveston, Bermuda, and Mexico; and also Havana, Hayti, Jamaica, Trinidad, the Bahamas, and the ports on the Spanish Main. Here, too, are hundreds of ferryboats and excursion-vessels, coasting-steamers, oyster-barges, market-boats from up the Hudson and Long Island Sound, canal-boats from Western New York, colliers from the historic Delaware, fishing-smacks and passenger-boats from the Old Bay State, and gallant craft from Canadian shores. At the southern end of the East River water-front the canal-boats which receive their freight from the Erie Canal "do most congregate," carrying a large floating population of boatmen's families, and weighted with the rich products of the West. By day and night the New York waters present a most animated and attractive sight, and particularly on a bright moonlight night, when the water has the appearance of rippling silver, and lights of many colors flash far and near from every description of moving craft, including the ever-busy squat ferryboats, skipping swiftly like so many enormous turtles on the surface of the "briny" from shore to shore.

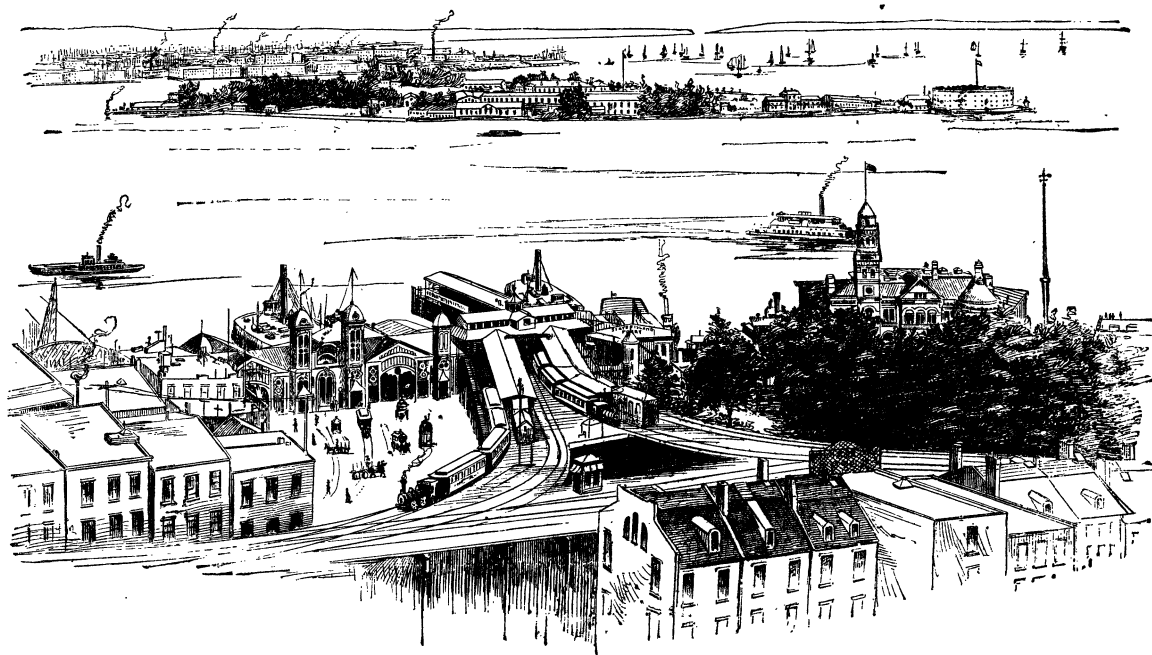
All this never-ceasing activity betokens business—business of a solid and substantial character, the receipt, storage, handling, and despatching of the commerce of every clime and of every kind. On and behind the crazy old jetties and worm-eaten wooden docks, picturesque in their very dilapidation, and in the massive towering buildings locked together on the sloping sides of the city, and that stand as a background to the attractive display of masts, rigging, and flags, are concentrated the products of every land and sea; and here is a commercial showing the like of which no other port or nation in the world can boast. As a place of habitation

NEW YORK HAD ITS ORIGIN IN COMMERCIAL INTERESTS.

It was in the interests of commerce that the Dutch came, saw, and remained; it was in the same interests that the British came, conquered, and kept up dominion until ejected; and it was in the interests of commercial freedom that the "sovereign people" arose in their majesty, threw off the yoke of bondage, and founded the metropolis of the greatest and most prosperous Republic the world has ever beheld. New York, however, has not always held its present eminence as the chief commercial port in the country. There was a time when it was graded as holding only third or fourth rank. Boston was in the forefront; and the now quiet, staid, fashionable Newport came second in importance; and even Philadelphia took precedence of New York in the extent of its commercial transactions. In 1678, the then gov-

ernor of New York, the notorious Andros, wrote of the colony: "Our merchants are not many, but with inhabitants and planters about 2000 able to bear arms, old inhabitants of the place or of England, except in and near New Yorke, of Dutch extraction, and some few of all nations, but few servants, much wanted, and but very few slaves;" and "Our produce is land provisions of all sorts, as of wheate, exported yearly about 60,000 bushells, pease, beefe, pork, and some fish, tobacco, etc." Nearly a hundred years later, in 1774, Governor Tryon reported that the annual amount of the exports to Great Britain was £130,000 (\$650,000), the produce thus exported consisting of "wheat, Indian corn, oats, rye, pease, barley and buckwheat, live stock, timber and lumber, flour, pork, beef, etc."

Commercial interests have always directly influenced New York's changes of fortune, and are now the main support of its greatness. With the fluctuation of the course of events, with regard to general commerce, there has always been a corresponding change in the ratio of the city's increase of population, and of its general prosperity. The Revolution wrecked the commercial fortunes of Newport, and its shipping trade was transferred to New York, whose first period of great prosperity after the successful military struggle with England was from 1790 to 1800, during which decade its population increased at



New York Harbor, from Elevated R. R. Terminus.

a ratio of 82.16 per cent, namely, from 33,131 (1790) to 60,489 (1800). During this period the Old World, involved in wars, was making constant demand upon the industry of the New World; and the produce of the interior was pressing to the shores of the Atlantic, whence the shipping of New York carried it abroad, returning again with goods for distribution both in its own and neighboring markets. The business of the city consequently wonderfully increased, and its attendant advantages drew hither capital and also men to participate in the profits arising from the large investment then made. During the next decade there was a falling off of the ratio of increase of population and wealth, and business enterprise was greatly depressed. Though the population increased in this period at a ratio of 59½ per cent—from 60,489 in 1800 to 96,373 in 1810—the increase in wealth was but eight per cent, namely, from \$24,486,370 to \$26,436,370. In the succeeding ten years the war of 1812 with Great Britain entirely destroyed the foreign commerce of the city for three years; after which, from 1815 to 1820, it again revived and greatly advanced in wealth. The increase of its wealth during the entire decade from 1810 to 1820 was 163 per cent—from \$26,436,370 to \$69,530,753. The increase in population, however, was only 28½ per cent—from 96,373 to 123,706—which ratio is less than that of any other decade, and exhibits with extraordinary clearness the dependence of New York City upon commerce, since during

this same period the increase of the population of the State was more rapid than ever. In 1820 commerce again revived, and steadily increased until 1825, in which year it reached a climax that was not again attained until 1831. In 1826 the completion of the

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opened a new source of prosperity to the commerce of the city, and it assisted in the formation of the great speculations which soon characterized the financial career of the city. The revulsion which followed this unnatural expansion, and for a time prostrated all branches of business, most seriously affected the commercial interests of the city. Since its recovery from that reversion of fortune its commercial prosperity has for the most part been steadily on the increase, though of course somewhat affected by the changes in the tariffs of the National Government, and the changing relations of the nations with which it has intercourse. In both its imports and exports the city made a great jump in 1850, and the succeeding years witnessed a continual large increase in commerce and population, both of which, however, received a check on the outbreak and during the era of the Rebellion. When peace had been restored Europe poured into the city its hundreds of thousands of surplus population, and the commerce of the port increased by leaps and bounds until now the import and export trade of New York is larger—very much larger—than that of any other city in the world. In the fiscal year which included parts of 1879 and 1880 its foreign commerce was over \$925,000,000. Liverpool is the only city in the universe which approximates these stupendous figures, yet the foreign commerce of that port during the year 1879 amounted to but \$805,000,000, or \$122,000,000 less than that of New York. There can be no question that New York is the pride of every community in the Republic. It is the Mecca to which all Americans wend as opportunities serve, where men of wealth and women of fashion congregate, and where inducements are offered to the diligent and thrifty of other lands to come and share in the free institutions and in the development of the resources of the great Republic of the West. The data of New York's commerce during the past ten years have been given place in pages that follow. But let us take

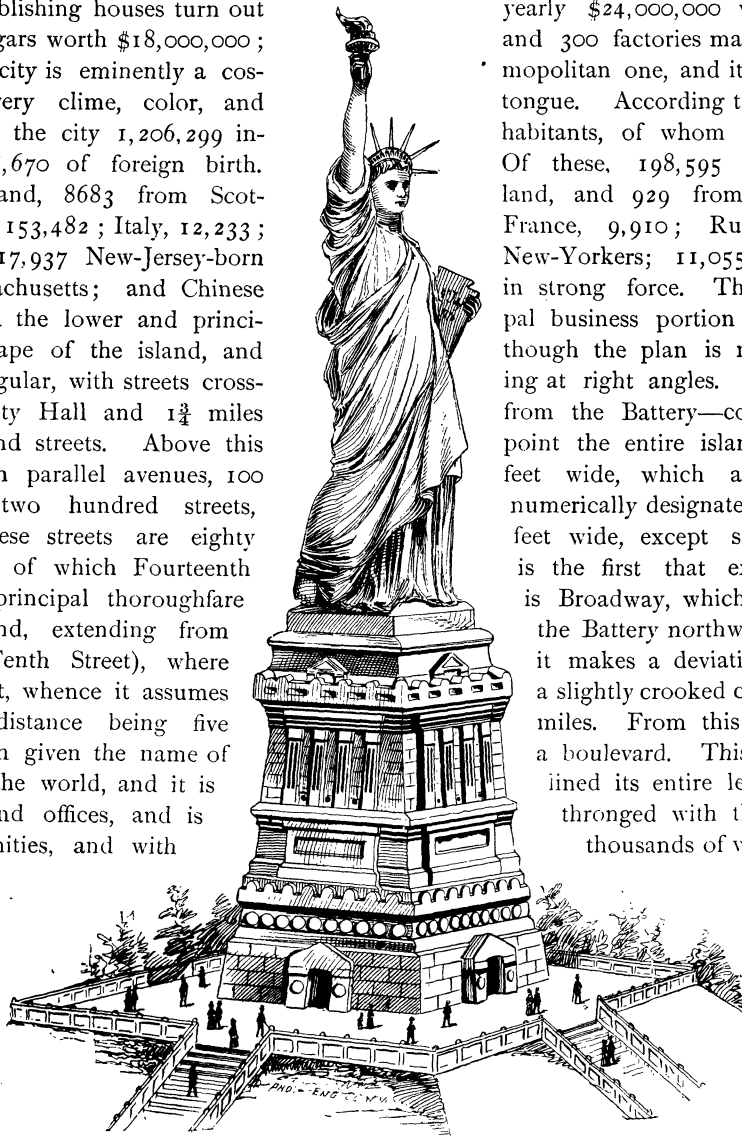
A PEEP INTO THE GREAT CITY

which receives and despatches thirty thousand vessels a year, and in which upwards of three hundred thousand immigrants arrive annually.

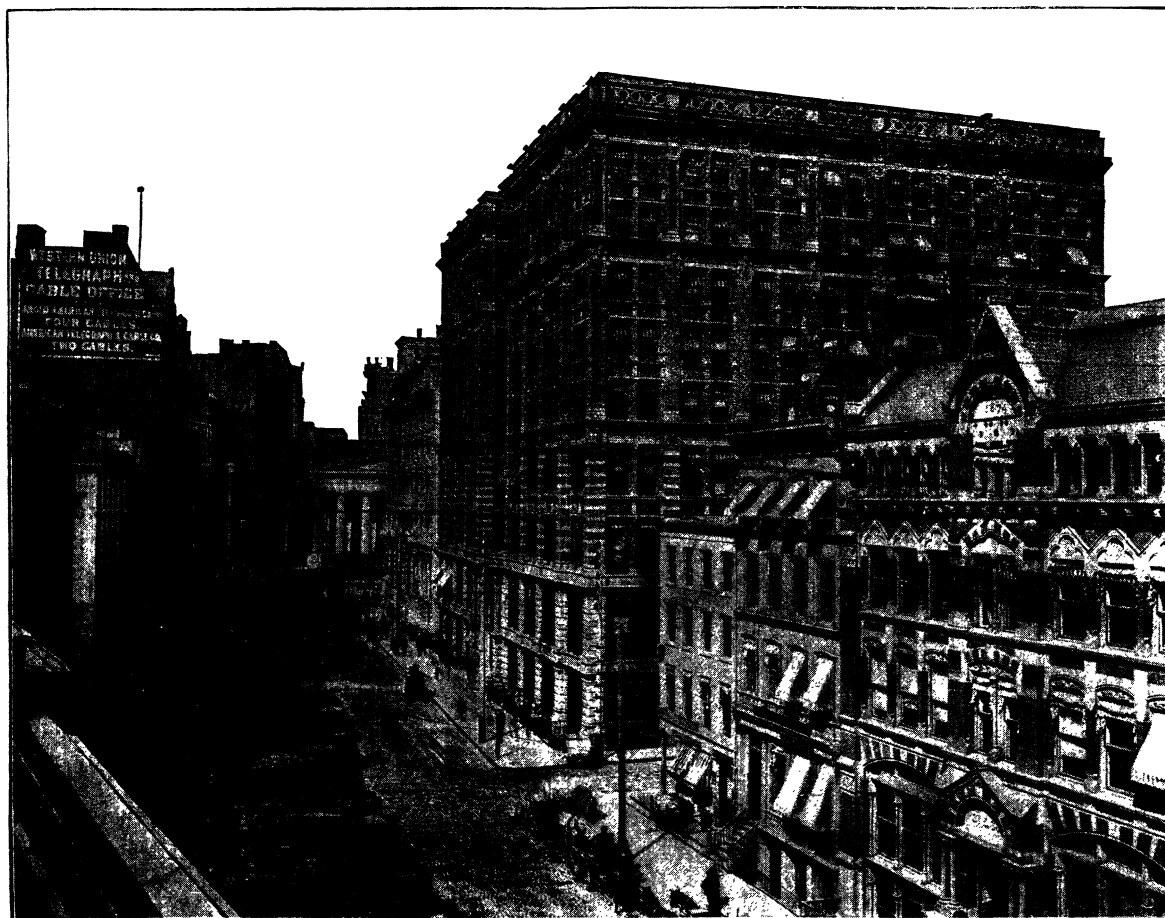
The city comprises the whole of Manhattan Island, Blackwell's, Ward's, and other islands in the East River and the harbor, and of what is termed the "annexed district," north of the Harlem River. The island of Manhattan until 1874 comprised the city limits. The island contains an area of 14,000 acres, is about $13\frac{1}{2}$ miles in length on one side and 8 on the other, is $1\frac{3}{8}$ miles broad on an average, the width varying from a half to two and a quarter miles, and is bounded at its northern extremity by the Harlem River and Spuyten Duyvil Creek, confluent tidal channels connecting the East and the Hudson rivers. In 1874 the "annexed district," containing 12,500 acres, and including twenty villages, was added to the city. The city now has an area of $41\frac{1}{2}$ square miles. Its extreme length is 16 miles, and its greatest width, from the mouth of the Bronx to the Hudson, is $4\frac{1}{2}$ miles. On the north the city is bounded by Yonkers, on the east by the Bronx and East rivers, on the south by the bay, and on the west by the Hudson River. The island was originally much diversified, and in its upper portion, where least populated, it still retains somewhat of its original character. With the increase of population, improvements have been made according to a uniform system in laying out avenues and streets, grading them, providing sewerage, etc. The ground rises from the East and North rivers with a gentle ascent, thus forming a central ridge throughout the entire length of the island. A considerable portion of the lower part of the city, particularly that near the rivers, is made ground. The Battery, a public park of ten acres at the southern extremity of the city, was built upon a low ledge of rocks, much beyond the original water-line. The soil, for the most part, is a sandy alluvium, and less fertile than in many other parts of the State. Its basis is principally gneiss, but the north part of the island is composed of granular and primitive limestone, which is much quarried. On the west side of the city, not far from the Hudson River, between Fiftieth and Sixtieth streets, and in some other parts, a number of streets are cut through this limestone.

In this leading city of the American continent are 100,000 buildings, 70,000 of which are located between Fifty-ninth Street and the Battery. Of these buildings 25,000 are used for business purposes and 77,000 for dwellings, and 140 are fire-proof. Not only in shipping but in manufactures New York takes the lead, and Philadelphia occupies the second position in this respect. It appears from the census of 1880 that the value of articles manufactured in the city during the year was \$472,926,437. There are 11,000 factories, one fourth of which are engaged in making clothing, cigars, furniture, and in printing. Clothing establishments to the number of 950 produce annually clothing worth \$78,000,000; 540 printing and publishing houses turn out factories produce cigars worth \$18,000,000; of furniture. The city is eminently a cosmopolitan one, and its population includes people of every clime, color, and tongue. According to the census of 1880 there were then in the city 1,206,299 inhabitants, of whom 727,629 were American-born, and 478,670 of foreign birth. Of these, 198,595 were from Ireland, 29,767 from England, 8683 from Scotland, and 929 from Wales. Natives of France, 9,910; Russia, 4,551; Spain, 669. There were 17,937 New-Jersey-born, 10,589 from Massachusetts; and Chinese in strong force. The general plan of the city is regular. In the lower and principal business portion the streets were laid out to suit the shape of the island, and though the plan is not uniform, its divisions are regular, with streets crossing one another at right angles. At Houston Street—from the Battery—commences the uniform plan of avenues and streets. Above this point the entire island is divided longitudinally by fourteen parallel avenues, 100 feet wide, which are crossed at right angles by nearly two hundred streets, river to river. These streets are eighty hundred feet wide, of which Fourteenth is the first that extends directly across the island. The principal thoroughfare is Broadway, which occupies the central ridge of the island, extending from the Battery northwardly in a direct line for $2\frac{1}{2}$ miles (to Tenth Street), where it makes a deviation, and again deflects a slightly crooked course as far as Central Park, the whole distance being five miles. From this point Broadway continues, but has been given the name of a boulevard. This is one of the finest lined its entire length with magnificent blocks of stores and offices, and is thronged with the merchants of this thousands of vehicles of all kinds.

While those who are to "the manner born" may seldom give more than a passing thought to the distinctions which mark the various localities or cosmopolitan measures used as trading or residential centres, the newly arrived immigrant is deeply impressed by them; and the more so as ocular demonstration totally dispels the preconceived notion that in the freest country in the world the rich dwell among the poor and that both rich and poor occupy the same level, recognizing no social distinctions of race or color, and acknowledging only one platform, the common brotherhood of man. He soon discovers, though, that the idea is merely Utopian, and that such earthly bliss no more exists here than in the land from whose persecutions and poverty he has escaped, but that here likes and dislikes divide races into separate communities or petty nationalities, and that even different branches of trade seek separate and distinct localities in which to conduct business. Within the city are districts known as the "tony" or "swell" region, Little "Italy," "Germany," "China," "Africa," "Judæa,"



Statue of Liberty.



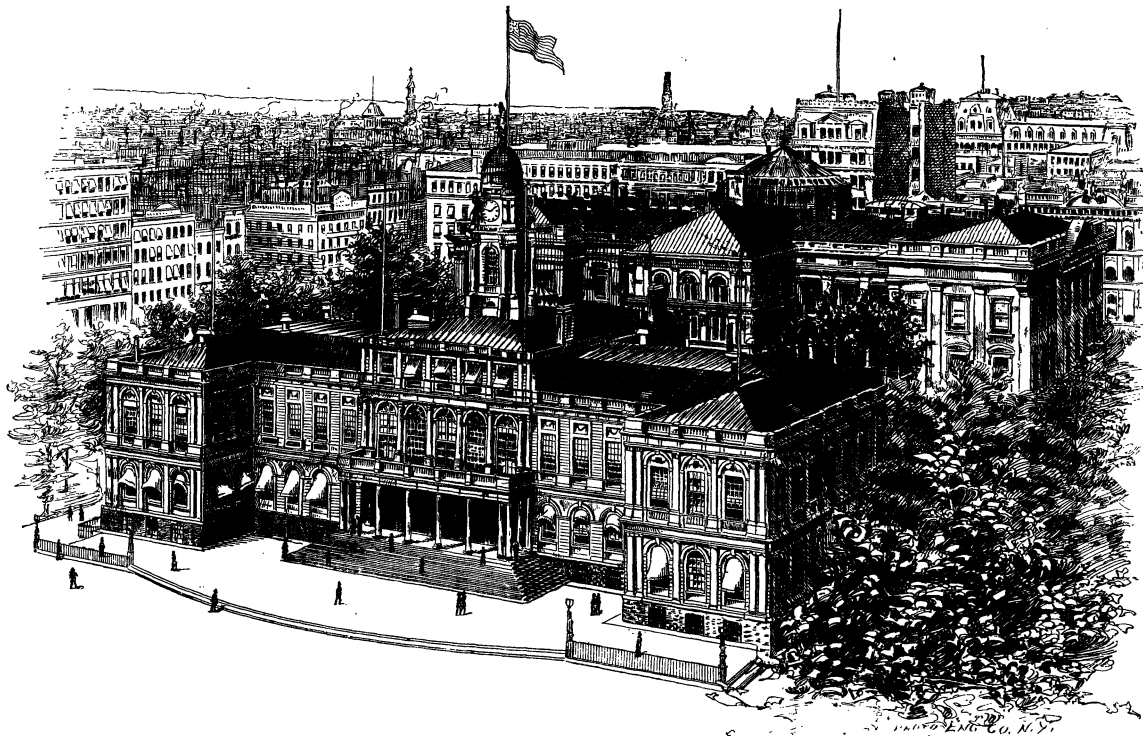
Broad Street, north to Wall Street.

etc. The children of Africa may be found scattered over all parts of the city, filling all kinds of occupations; but as the dusky Ethiopians occupy almost exclusively the whole of Thompson Street just north of Canal Street, the locality has earned the designation of "Africa." In the popular mind there is an inseparable relationship between a negro and a razor, and a belief is abroad that the "dark gentleman" so loves gore that on the slightest pretext he will pull out a razor from some part of his attire and proceed to carve every one within reach. Though it frequently happens, when a negro gets mixed up in a "bloody engagement," that a razor causes mischief, the negroes as a class are industrious and peaceable citizens, good-natured and contented.

"Judæa" takes in the east end of Canal Street, around Ludlow Street and East Broadway, and is densely populated by the Semitic race. Hebrews, however, are to be found all over the city, for they form one tenth of the entire population of New York; but, to their credit be it said, they contribute less than a hundredth part of the criminal classes of the city. The Jews are 100,000 in number, and they have about thirty synagogues and twice as many smaller shrines, besides a score of societies of charity. Seldom, if ever, is a Hebrew relieved at the expense of the city. There are forty-two Jewish millionaires in New York, whose estates range from Max Weil's \$8,000,000 down through the Seligmans, Wormsers and Bernheimers, to the score of one-million-dollar men.

Like the Jews, the Chinese are located in all sections of the city, and they find remunerative occupation in attending to the washing and ironing of wearing apparel. The almond-eyed Celestials, however, have their "China," and this is Mott Street, where they are to be found congregated in large numbers, and where they may be found, especially on a Sunday and on high.

festivals, arrayed in all the magnificence of Chinese raiment, and their "pigtales" in full display. On a Sunday night "John" is in his "element," and, as in all his leisure hours, he either gives attention to his peculiar mode of worship, plays his mysterious games of chance, or smokes his opium until he passes into dreamland. In whatever "John" engages he is diligent and enterprising, and in this respect he sets an example to many who claim to be his superiors in civilization and intelligence. He has what Christians call "strange gods" in the joss-house at No. 202 Park Row, but, "heathen" as he is, he and his race figure less seldom in the police courts than some others who profess to be imbued with the spirit of the "true religion." No one is likely to accuse "John" of being handsome, but he has nevertheless come to be looked upon as a prize in the market matrimonial, especially by the "ladies" of the lower class of Irish and Italians; and occasionally he may be heard of as having been captured by a flaxen-haired German lassie or a



City Hall and County Court-house.

Yankee girl determined not to be "left." At all events, "John" makes a useful "maid of all work," and is handy in washing, sewing, cooking, and rocking the cradle, and is peaceful so long as his pigtail is not seized upon for yanking him around; when it is, he suddenly becomes disputatious and in no degree fastidious whether it is a brick or a flatiron he throws. The district centring about the "Five Points" has earned the designation of Italy, because the population there is chiefly that of the sons and daughters of sunny Italy. Here considerable numbers of them may be seen still wearing their picturesque native costumes, and speaking no language but their own. We should be charged with irony were we to say the lower classes, who are chiefly occupied as organ-grinders, laborers, rag-pickers, etc., were remarkable for their love of soap and water. The higher classes of Italians, however, are numbered amongst our best citizens, and include music-teachers, literary men, professors of languages, etc. Germans are to be found everywhere, but are particularly numerous in the region east of Second Avenue, and extending from Houston Street up to Fourteenth Street. This section of the city is known as "Germany." Everything is German—dress, language, signs, beer, etc.; and here a visitor can easily fancy himself in a crowded city of the "Vaterland." "Ireland" may be said to embrace, not a mere section, but the whole of the island, in the government of which the sons of

Erin are prominent as "bosses." Of the entire population of the city, 1,206,590 in 1880, about 56 per cent may be classed as Americans, 25 per cent of British Islanders (chiefly Irish), and 16 per cent of Germans, the remaining 3 per cent being made up of French, Italians, Poles, Swiss, Swedes, Cubans, Russians, Danes, Spaniards, Norwegians, Belgians, Chinese, Mexicans, Turks, etc.

THE BATTERY, CASTLE GARDEN, AND BOWLING GREEN.

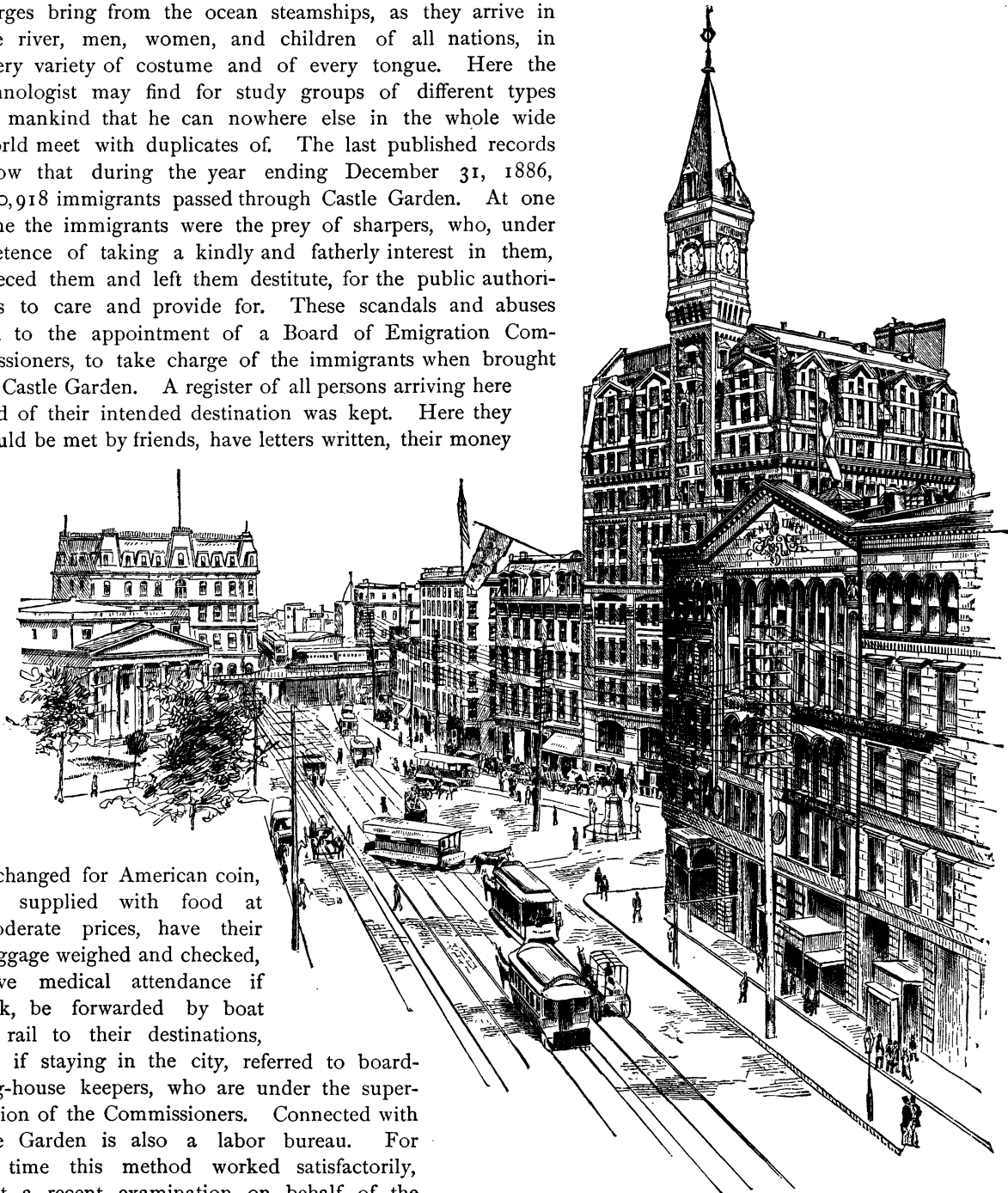
The Battery, located at the foot of Broadway, at the most southerly end of New York, and where the island of Manhattan narrows to an obtuse point towards the harbor, is an historic spot. What the hallowed rock at Plymouth is to the descendants of the Puritans who stepped from the Mayflower onto American soil, the Battery is to the surviving representatives of the Knickerbockers, the Van Rensselaers, and the other Dutch founders of the New Amsterdam, for here it was that the pioneer settlers first touched the soil of Manhattan and made acquaintance with the Indians then in possession. The extreme point of the Battery was then a small island separated from the mainland, and the intervening space was filled up and given the solid appearance it now presents. Here the first Dutch settlers erected, in 1614, four houses and a small fort, and in 1689, when the insurrection broke out against the administration of Nicholls, the representative of the Duke of York, the fort was strengthened by a battery of six guns outside its walls. This was the origin of the "Battery," a name which has ever since clung to it, and probably will for all time. The Battery of to-day, with its twenty-one acres of park land, studded with trees, its verdant lawns intersected with serpentine walks, and its fine promenade around the substantial sea-wall, is not revered by the patriotic New Yorker merely as the Plymouth Rock of his fathers, but as a spot associated with incidents indissolubly bound up with the early history of this favored land, with the struggles of its people against foreign dominion, and as the "Golden Gate" of the "City of Refuge" for the downtrodden and oppressed of the despotic powers of Europe. Hereabouts America's first aristocracy built their substantial mansions, and ere commerce began to make an advance upon it and its immediate surroundings, it was truly a delightful location in which to dwell, for from here, as one looked down the shining bay, the view was enchanting even to the most unpoetical and the indifferent to nature's charms. Then the sunsets, as seen from here, were, as they are now, full of rare splendor. Prof. von Raumer was enraptured with the view from here, and he likened the Battery to the Piazzeta at Venice. M. Ampère declared that the sunsets seen from here could only be rivalled in the Valley of the Nile; and Harriet Martineau saw "a sunset which, if seen in England, would persuade the nation that the end of the world was come." To-day, bustling as the Battery is with activity, it is deserving of a visit from the pleasure-seeker, who will meet with a scene that cannot fail to make a lasting impression upon his memory. The rippling waters of the bay, shining with sunbeams, seem to be fairly alive as they dance along the surface, while the waterway is crowded with stately steamers going and coming from foreign shores, drawn by little puffing tugs, and with crafts of every conceivable shape and size, from a ponderous man-of-war to a gayly rigged little sail-boat. We give herewith an illustration of the harbor from the Battery, and another of Battery Park and Castle Garden. In the memorable struggle for independence the British frigates *Rose* and *Phoenix*, with their decks protected by sand-bags, ran, in July, 1776, by the roaring Battery and up the Hudson, firing broadsides onto the city. When the struggle was over, and Great Britain acknowledged the independence of that which had been the brightest colonial jewel in her crown, it was from the Battery, on Nov. 25, 1783—a day still celebrated as Evacuation Day—that the British soldiers, under the command of Sir Guy Carleton, embarked for their own dominions.

On the water-front of the Battery is Castle Garden, a quaint-looking old building, which for years has been the chief gateway through which millions of self-exiled Europeans have made their entrance into the New World, and become acquainted with the metropolis of the Great Republic of the earth. Castle Garden is a circular brick structure, with a history of its own. It was originally erected under the title of Castle Clinton, as a fortress, in 1807 by the National Government, who gave it to the city in 1823; subsequently it was converted into a summer-garden and opera-house; hence its name Castle Garden. It has often been the scene of great civic "pomp and circumstance;" within its walls warriors and statesmen, now historic personages, were wont to be banqueted and have their glories fulminated; and within its gray interior the celebrated songsters of a past age discoursed sweet melody to the lovers of music. Here a great ball was held in 1824 in honor of the Marquis Lafayette;

here, in 1832, President Andrew Jackson, and in 1843, President Tyler, were given popular receptions; and here, in later days, the grand voices of the late Jenny Lind, Sontag, Parodi, Mario, and of many another famous singer, were heard.

In 1855 it became the immigrant depot for the reception of incomers from Europe, and to here barges bring from the ocean steamships, as they arrive in the river, men, women, and children of all nations, in every variety of costume and of every tongue. Here the ethnologist may find for study groups of different types of mankind that he can nowhere else in the whole wide world meet with duplicates of. The last published records show that during the year ending December 31, 1886, 300,918 immigrants passed through Castle Garden. At one time the immigrants were the prey of sharpers, who, under pretence of taking a kindly and fatherly interest in them, fleeced them and left them destitute, for the public authorities to care and provide for. These scandals and abuses led to the appointment of a Board of Emigration Commissioners, to take charge of the immigrants when brought to Castle Garden. A register of all persons arriving here and of their intended destination was kept. Here they could be met by friends, have letters written, their money

exchanged for American coin, be supplied with food at moderate prices, have their baggage weighed and checked, have medical attendance if sick, be forwarded by boat or rail to their destinations, or, if staying in the city, referred to boarding-house keepers, who are under the supervision of the Commissioners. Connected with the Garden is also a labor bureau. For a time this method worked satisfactorily, but a recent examination on behalf of the National Government has revealed the fact that, under the authority of the Commissioners, a system of extortion, often attendant with cruelty, has been long practised, and that a speedy change in the management of Castle Garden is imperatively demanded.



Park Row and Bridge Entrance.

Just east of the Battery is Whitehall, the terminus of numerous car lines, and the location of the Staten Island, South and Hamilton ferries. There, too, is the depot of the elevated railways, which extend in four lines, two on the eastern side and two on the western, the entire length of the city, of which more anon. Whitehall Street was the Winckel Straat (shop street) of the Dutch settlers, and it derived its present name from a fifteen-gun battery which was erected at its foot in 1695. The great fire of 1776, which destroyed the greater part of New York, began near Whitehall Slip, and swept over the city on a strong south wind, while the angry British garrison bayoneted many of the citizens, and threw others, screeching, into the sea of flame. The Produce Exchange, an imposing building, is at the upper end of Whitehall Street.

At the junction of Whitehall Street and Broadway, just beyond the Battery, is the Bowling Green, near which was the site of Fort Amsterdam, where the Dutch Governor dwelt, nearly 250 years ago, and had under his control 300 valiant soldiers from Holland. Here, too, was built the first colonial church. Bowling Green is a pretty, old-fashioned square, with a little oval park, filled with shade-trees, and containing in its centre a tired, weary-looking fountain. Surrounded as Bowling Green now is by ocean steamship offices, foreign consulates, etc., the great Produce Exchange, Washington Building, Standard Oil Company's Building, etc., the spot is rich in historic associations. It was the principal aristocratic quarter of the city in its early days. On the site now occupied by Mr. Cyrus W. Field's Washington Building, No. 1 Broadway, Archibald Kennedy, the collector of the port, built, in 1760, a large house, which successively became the headquarters of Lords Cornwallis and Howe, General Sir Henry Clinton, and General Washington, while Talleyrand made it his home during his stay in America. Benedict Arnold concocted his treasonable projects at No. 5 Broadway; and at No. 11, on the site of the Burgomaster Kruger's Dutch tavern, was General Gage's headquarters, in the old King's Arms Inn. But few of the old buildings facing on the Green, and which belonged to and were occupied by a past generation, now remain, but have given place to modern and more pretentious structures. The Green was a treaty-ground with the Indian, the parade for the Dutch soldiers, and it was also a cattle-market. It was fenced in, in 1770, and the iron posts of the fence were once surmounted by balls, which in the time of the Revolution were knocked off and used by the American artillery in their cannon. On the Green once stood an equestrian statue of George III., and in July, 1776, the people, while celebrating the Declaration of Independence, deliberately walked down in crowds to the Green, and there knocked over the statue of His Majesty. Subsequently it was melted, and it furnished material for forty-two thousand bullets, which were fired at the soldiers of Britain. South of the square, and on the site now occupied by six old-fashioned brick buildings, the first governor of the New Netherlands, Peter Minuit, who had bought the island of Manhattan from the Indians for twenty-four dollars, built Fort Amsterdam, a block-house, surrounded by a cedar palisade. Seven years later, the fort was enlarged by Wouter Van Twiller, and he garrisoned it with one hundred and four soldiers; and still later the English took possession of it. The Bowling Green Block now occupying the site, and which was built in 1815, was preceded by a stately Ionic porticoed mansion, erected in 1790, for the presidential palace, and which became the official residence of Governor George Clinton and John Jay. At No. 39 Broadway the first European dwelling on Manhattan island was erected in 1612 by Hendrick Christiansen, the agent of the Dutch fur-trading company, who raised here four small houses and a redoubt, the foundation of the present metropolis. An Indian killed him, and thus perpetrated the first murder recorded in the annals of New York. A very fine view of Bowling Green and Lower Broadway is given in these pages.

When the Bowling Green and the Battery were the favorite dwelling-places of the nabobs of New Amsterdam, the colonial city had its northern boundary on or about Wall Street, and when business invaded the patrician quarters the aristocrats girded up their loins and fled before plebeianism and industry to the higher parts of the city; and, like birds of passage, they have been compelled, time after time, to travel more and more northward to avoid being domiciled amid the din and bustle of commercial thoroughfares. After the fashionable families had moved from the neighborhood of the Battery to places farther up the island, and the adjacent region had become crowded with stores and warehouses, the park there was much neglected and became a mere receptacle for rubbish and garbage. The broom of improvement, however, began to be freely exercised about 1870, and the park was "reformed" and again made one of the most popular pleasure-grounds and breathing-places in the city. When the weather is favorable the

Battery is always fringed with sight-seers and loungers, who appear to gaze on the brilliant scene with constant delight; for nowhere in New York is there more to fill the eye and stimulate the fancy.

THE BACKBONE OF THE CITY—BROADWAY.

The stranger, having passed through the inquisition of Castle Garden, naturally plods his way in search of Broadway. We say "naturally," for by his fireside in the old land he has read and heard of Broadway in New York so often that the idea has become so firmly impressed upon his mind that about all there is of the American Metropolis is crowded into Broadway, or that what is not to be found upon that



Broadway, North from Post Office.

thoroughfare doesn't amount to much anyway. He is, therefore, all excitement to see the wonders of this much "cracked-up" highway of the Yankees, for the newly-arrived foreigner regards all Americans as Yankees, and supposes them to be proud of the name. When he reaches lower Broadway he experiences a feeling of disappointment, and concludes that the narrow thoroughfare there is no more entitled to the name it bears than are wooden apologies for nutmegs in a neighboring State to be classed with the genuine articles. But let him understand that the whole of the southern part of the city was the first settled portion of the island; that it was fashioned and laid out by Old World folk with old-time notions of the "eternal fitness of things." The first settlers came of fighting stock, and their fathers were wont to be always either ending or just beginning a war with their enemies. They built their streets narrow and with as much crookedness as possible, for strategic reasons, in the belief that if an enemy ventured therein the said enemy could be quickly cooped up and annihilated. The old Dutch burghers had

unfriendly Indians in their rear, and were no doubt guided by some such feeling when they laid out their streets, many of which are scarcely more than mere alleys, with pavements barely broad enough for two persons to walk abreast. Compared with these narrow streets, Broadway would, at the time it was laid out, seem a magnificent thoroughfare, and one worthy of its present designation. This thoroughfare, however, was originally—in 1656—named De Heere Straat, when it was bordered by a score or so



The New York and Brooklyn Bridge.

of quaint small houses, constructed of brick brought from Holland, and rich in gables. In 1756 it received its present title of Broadway; and in 1697 an ordinance was passed commanding that the people of "every seaventh house doe every night in the darke time of the moon, until the 25 March next, cause a lanthorn and a candle to be hung out on a pole every night." To-day its whole length is illuminated nightly by electric lights.

As the stranger continues his stroll along Broadway in a northerly direction, his feeling of disappointment, on entering upon the thoroughfare, is gradually dissipated as fresh, constantly changing scenes of busy activity claim and arrest his attention, and he soon realizes that, though there may be



The Bridge Tower Promenade.

wider highways more deserving of the name Broadway, it is the most brilliant thoroughfare, not only in the metropolis, but in the Union.

Topographically, as well as by the selection of traffic, the street is the main artery of the city. It

is the backbone of the metropolis, for were a scalpel drawn down the middle of New York, it would fall into Broadway. The thoroughfare is on a ridge, from which streets on each side decline to the banks of the rivers. No city in the world is better situated for quick and effective drainage, and no city in the universe could more easily keep its streets clean, sweet and wholesome, than New York. But, unfortunately, they are not, though money enough is expended to make and keep them so. This is the outcome of trickery, jobbery, and corruption among those who seek and those who hold high places in the administration of the public affairs of the citizens; but the hounds of justice have been let loose upon the political foxes, some of whom have been chased over the Canadian border, others lodged behind prison bars, and the rest threatened with incarceration. When the politics of New York are purer, then will the streets of the metropolis be pronounced models of cleanliness.

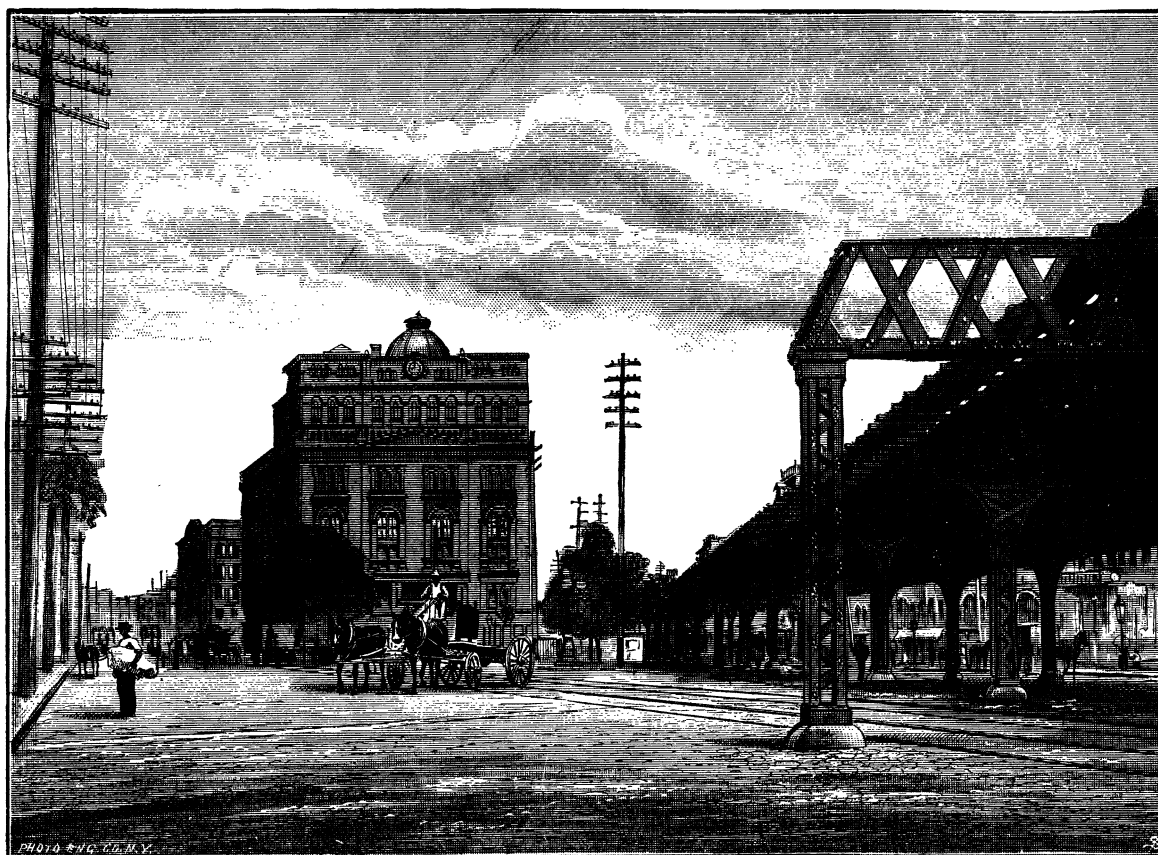
Broadway has its beginning at Battery Park and its ending at Central Park and Fifty-ninth Street. Its course is almost due south and north for a little less than four miles. On account of its centrality and directness it is touched by nearly every moving inhabitant of the city in his daily walks. If he is going from north to south, or *vice versa*, he prefers it to the other avenues, because it is straight, and its pavement is good; and if he is going from any quarter east to any quarter west, he must intersect it at some point in gaining his destination. The country visitor, coming from the New Jersey or Long Island ferries, feels secure when he reaches Broadway, and while he keeps to it he cannot go very far astray, no matter what his destination is. It is not only a channel of commercial traffic, but a favorite promenade of the idler and pleasure-seeker, and though the acquaintances of a man may be few, a walk up or down Broadway is sure to bring him in contact with somebody he knows. Then, no country girl, and more especially a Boston girl, was ever known to refuse the chance of a visit to New York and of an opportunity of witnessing the varying scenes on Broadway.

This great thoroughfare, which is lavish in texts for the satirist, the moralist, the humorist, the preacher, and the man of the world, is, from its effluence, straight for nearly two miles, when, near Tenth street, it turns slightly to the northwest, the sky-pointing gray spire of Grace Church marking the turning-point. At Fourteenth street Broadway makes another deviation to the west, runs along one side of Union Square, and thence makes a straight course to its terminus at Central Park, crossing diagonally on the way, at Twenty-third street, Fifth avenue, and also touching the southwest corner of Madison Square, not so very long since the most genteel locality in New York, but now, like Union Square and more "down-town" localities, becoming occupied by hotels and business houses. As we have said, this four miles of the "backbone" of the metropolis is never lacking in texts on which to hang expositions by the moralist, the humorist, the satirist, the divine, or the man of the world, for life on Broadway is pretty nearly everything, the agglomeration embracing the broadest farce, the heaviest tragedy, the most delicate comedy, and exhibiting human nature in its most pathetic, caustic, sad, and frolicsome moods. There is no ambition, passion, or creed which may not be studied along this far-famed thoroughfare, where are grouped together, as it were, personages that are by nature—in color, tastes, language, sentiments, temperament, etc.,—widely apart, and effect a grand *ensemble* of vividly dramatic contrasts.

Prior to 1884 Broadway had no surface railroad as now, and the hurrying traveller who sought more speedy or easy locomotion than that of his own legs had recourse to a hack, or a comfortless, rumbling, antiquated, and dilapidated-looking omnibus, that was no sooner released from one network of jumbled-up drays, trucks, carts, hacks, and vehicles of every description, than it plunged into a similar vortex, where drivers made the air sulphurous by their oaths. Vehicle traffic along Broadway has undoubtedly been facilitated by the introduction of the horse-car service, although the corrupt sale of the privileges of its introduction has led to the imprisonment of certain aldermen who accepted bribes, and of the principal sinner, the briber. At all hours, from early morn until after sunset, Broadway's carriage-way is crowded with vehicles of every conceivable kind, particularly in the length from the Battery to Union Square, and the footwalks are occupied with a constantly moving mass of humanity, the like of which neither the capitals of England nor France can present. There is a cheeriness, impetuosity, vehemence, and brilliancy in a Broadway crowd one does not meet with elsewhere. It has a sparkle even in places where business is paramount; its tread is springy, buoyant, and almost rhythmic, as it follows the din and rattle of the vehicles. Nervous people and those from rural haunts find the noise and friction painfully bewildering;

but the active citizen, trained in bustle and excitement, and whose nerves are in good condition, finds stimulation in the rattle and roar. This crowd of elbowing and pushing humanity is not a distinctly fashionable one, though well-dressed people preponderate; the hardy sons of toil and work-girls, with poverty written upon their blanched faces, appear in the stream besides the threadbare adventurers and the impecunious devotees of the gutter. The crowd, made up of most dissimilar elements of nationality and condition, represents the very opposite points of human life—from those who are troubled because they have so much wealth to care for, to those who are perplexed because they have none to care for; from the sad to the gay; from the weakly cripple to the giant strong in limb and lung; and from the most ignorant and depraved to the most intelligent and refined. A Broadway crowd affords abundant study for reflective minds in every branch of ethnology. This moving sea of humanity keeps up a perpetual flow until business hours are over, and then Broadway from the Battery to Union Square assumes pretty much the appearance of a deserted street, the silence being broken only by the heavy tread of the vigilant police, the quickly moving of the belated traveller hurrying to his domicile, the homeward march of theatre-goers, the stealthy step of the midnight marauder bent on some errand of crime, or the rattle and roar of isolated carriages engaged in missions of mercy, or in carrying home bibulous or epicurean nabobs, or gay young men out for a “good time.”

At Union Square, of which more anon, the scene is one of brilliance by day and night, and the promenades hereabout are crowded with throngs of pleasure-seekers and those on business bent. From ten o'clock in the morning until late in the afternoon that length of Broadway from Fourteenth Street to Madison Square is a brilliant spectacle made up of America's leading belles of fashion and “society,” faded beauties, resplendent and attractive in a bygone age, but now mere peripatetic fashion-plates, contrived by the cunning of the dressmaker and milliner; seedy-looking and foppish adventurers; dudes in all their glory of collars, cuffs, canes, and full-blown flowers;—and all the varied representations of



Junction of Third and Fourth Avenues—Cooper Union.

wealth; of those poor, but desirous to be regarded as rich by aping the affluent; of those seeking a livelihood by catering to the vanity of the whimsical; of those anxious to be considered "ladies of the upper circle;" of those ambitious to be prominent as "gentlemen of means and leisure;" of those preferring a life of idleness and sharp practices to hard work and honest living; and of those ready to sell body and soul for luxury and ease.

The variety of architecture to be met with in every part of Broadway is extraordinary. Every material has been used in every style—brick, iron, glass, marble, granite, brown stone, yellow stone, wood, and stucco. Never was there such heterogeneous architecture as is here displayed, where the Gothic and the Greek, the Renaissance and Romanesque, are crowded side by side, but all in a manner harmonized by the distortions which the city architects of our country are compelled to devise that they may secure the three prime essentials in a modern building—light, air, and space. The modern structures are fine, imposing buildings, containing many floors. In the building of these iron is largely used, and long colonnaded façades, simulating marble or brown stone, are composed of iron castings, riveted together. Here and there are to be found small, modest dwellings of an early period, with old-fashioned dormer windows projecting from the upper stories, and modern plate-glass show-windows inserted in the lower story; but these grow fewer in number year by year, and more stately buildings supplant them. The cornice lines of Broadway are as much serrated as it is possible to imagine, and the effect is not at all satisfactory to an artistic eye. Sign-boards hang out in profusion, and flagstaffs rise from nearly every building. On a gala day, when all the patriotic bunting is unfolded, the view is more brilliant and ragged than ever. The colossal hotels on the great thoroughfare rival in luxury and comfort the most noted hostleries of London or Paris; the banks and insurance buildings, of marble, granite, and iron, are representative of the ancient and modern architecture of Europe, as well as of the "pure and unadulterated" American architecture; and the magnificent shops and warehouses have their fronts relieved by wide expanses of glass. All these follow each other in bewildering succession, many so high as to tire the neck of the pedestrian, who is interested in inspecting their façades from eaves to floor.

But let us return to the Bowling Green and lower Broadway, of which we give an illustration, and look for other attractions than those we have already mentioned. The reader has already been told that when business began to invade the aristocratic residential quarters of the Battery and the Bowling Green the patrician families removed to the neighborhood of the present Wall street, then the limit of the northern boundary of the city. From this fact Wall street derived its name; and beyond the wall the land was a pasturage. For half a mile up to this point, Lower Broadway is now occupied mainly by foreign consulates, the headquarters of European steamship companies, and shipping-houses, a great line of financial and insurance offices, etc.; and then Trinity Church is reached. This is one of the most noted and wealthiest ecclesiastical edifices in the country. Bearing its spire to a height of 284 feet, this stately gothic building is one of the most conspicuous objects visible from the harbor. When the English counted America among their colonial jewels, the British Queen, Anne, presented Trinity Church parish with its valuable communion service, and also donated to it, in 1705, the Queen's Farm, once the estate of Anetje Jans, and bordering on Broadway and the Hudson River. What were then rural fields are now covered by acres of massive buildings, and are worth not far from \$7,500,000. The first Trinity Church arose in 1697, and the present structure, which is of brown stone and replaced its predecessor after a disastrous fire, dates from 1846. A famous chime of bells is hung in the tower, and a large and venerable graveyard surrounds the church, containing an elaborate gothic monument to the patriots who died in British prisons of New York during the Revolutionary War; and also the graves of many illustrious citizens, among whom are Alexander Hamilton, the founder of the American financial system, who was slain in duel by Aaron Burr, at Weehawken; Captain Lawrence, of the frigate Chesapeake, who was killed when that ship was captured by the British vessel Shannon; Albert Gallatin, the famous statesman and financier, and for a long period American Minister to England and France. Robert Fulton, the inventor of the first steam-vessel; the Earl of Sterling; General Lamb, of the Continental Army; and General Philip Kearny, of the Army of the Potomac, killed at Chantilly, Virginia. The parish still owns most of its original estate, and is enabled by its vast revenues to support numerous clergy, chapels, and charitable institutions among the poor. There are seven churches in the parish (one of these being St. Paul's Church, at the corner of Broadway and Vesey street), and eighteen others are partly supported by it, besides various schools, etc. At the back of Trinity Church

are the picturesque brown-stone buildings in gothic architecture occupied by the 300 pupils of the parochial school.

THE GREAT MONETARY CENTRE.

Right opposite the church of Trinity is Wall Street, where, under the shadow of its venerable walls, gambling on a "respectable" scale is carried on to an extent unsurpassed anywhere outside of London. Wall Street is not only the monetary centre of the city but of the entire country, and prophets declare that it will gradually become the principal financial centre of the world. On this narrow street, and the blocks leading from it, all embraced in comparatively a few acres, are positively stored more gold and silver than in all the rest of the United States put together, while the business interests represented extend to every section, not only of the continent, but of the world. The congeries of streets running parallel with Wall Street for two or three squares, and crossing it, are lined with massive and splendid structures, in which the principal banking of the continent is transacted. Wall Street proper is about half a mile in length, extending from Broadway to the East River, and in it are two noble structures, the Sub-Treasury and the Custom House. The Sub-Treasury, which cost about \$1,200,000, and took up eight years in building, occupies the site of the hall where Washington, in 1789, was inaugurated first President of the Republic. The present building covers a large area with its Doric colonnades and massive walls of white Massachusetts marble, and a broad roof of granite. The building externally resembles the Athenian Parthenon, and internally it has a lofty rotunda, surrounded by Corinthian columns. The doors and shutters are of steel. The building, which is eighty feet high, stands on an area of two hundred and eighty feet long and eighty feet wide, and the entrance is reached by a flight of eighteen broad marble steps. Opposite, on the corner of Wall and Broad Streets, is the white marble palace, in the style of Renaissance, known as the Drexel Building, occupied by two large banking concerns. A little farther down Wall Street, on the corner of William Street, is the United States Custom House, formerly the Merchants' Exchange, built of granite. It has



Mercantile Library, Astor Place.

a portico supported by twelve massive columns, and its rotunda in the interior is supported by eight columns of Italian marble, the Corinthian capitals of which were carved in Italy. Opposite this building is the handsome edifice of the Bank of New York. The oldest building on Wall Street is the Assay Office, having been built in 1823, for the United States Branch Bank. Here about \$100,000,000 of crude gold and silver is in the course of a year assayed, refined, and cast into bars, to be afterwards made into coin elsewhere. At the foot of Wall Street was the slave-market.

On Broad Street (an illustration of which thoroughfare we give in these pages), a short distance below Wall Street, is the Stock Exchange, a handsome but not large edifice, which, in point of interest, towers above all others in the locality. Here, day by day, are scores of men striving for wealth with the fierceness of maniacs, and here fortunes are made and lost by that system of gigantic gambling which has come to be known as "dealing in stocks." The student who complains of the intellectual drain that is put upon him might find consolation in the overwrought and exhausted condition of the men whose brains are here occupied in the apparently easy problems of the markets. The opera-

tions of the Stock Exchange and Gold Room concern the whole country, both financially and industrially, and in times of panic, when millionaires are made and unmade in a single day, the wild ravings of the operators on 'change present a scene never to be forgotten by those who witness it. It is here the true governmental centre is found, rather than at Washington. Wall and Broad Streets dictate to Congress what the laws of the country concerning finance shall be, and Congress obeys. The Bankers' Association holds the threat over Congress that if their interests are not considered they will evoke disaster upon the country; and it is in their power to execute the menace. They did it on the memorable Black Friday, the 24th of September, 1869, when, by the action of a small but strong combination of bears, gold was made, after a sale \$50,000,000, to fall from 1.60 to 1.30 in seventeen minutes. Money was locked up and could not be obtained at 100 per cent premium: and thousands of men from Maine to California were ruined. This incident, too, was the forerunner of the panic that followed in 1873, when the Union Trust Company went into bankruptcy, and carried with it some of the greatest financial houses of the time. The Stock Exchange was closed for the first time in its history, and such was the condition of affairs that, without its closing, not a merchant or banker could have survived. No contracts could be completed nor stocks transferred while the doors of the Exchange were shut, and thus people were given, what was absolutely needed, breathing-time, without which general and utter ruin would have been experienced all over the Union. As it was, not less than twenty thousand firms went into bankruptcy, and the scarcity of money was felt in every part of the country, depressing business and cheeking industry, until Congress took measures for the relief of the stringency.

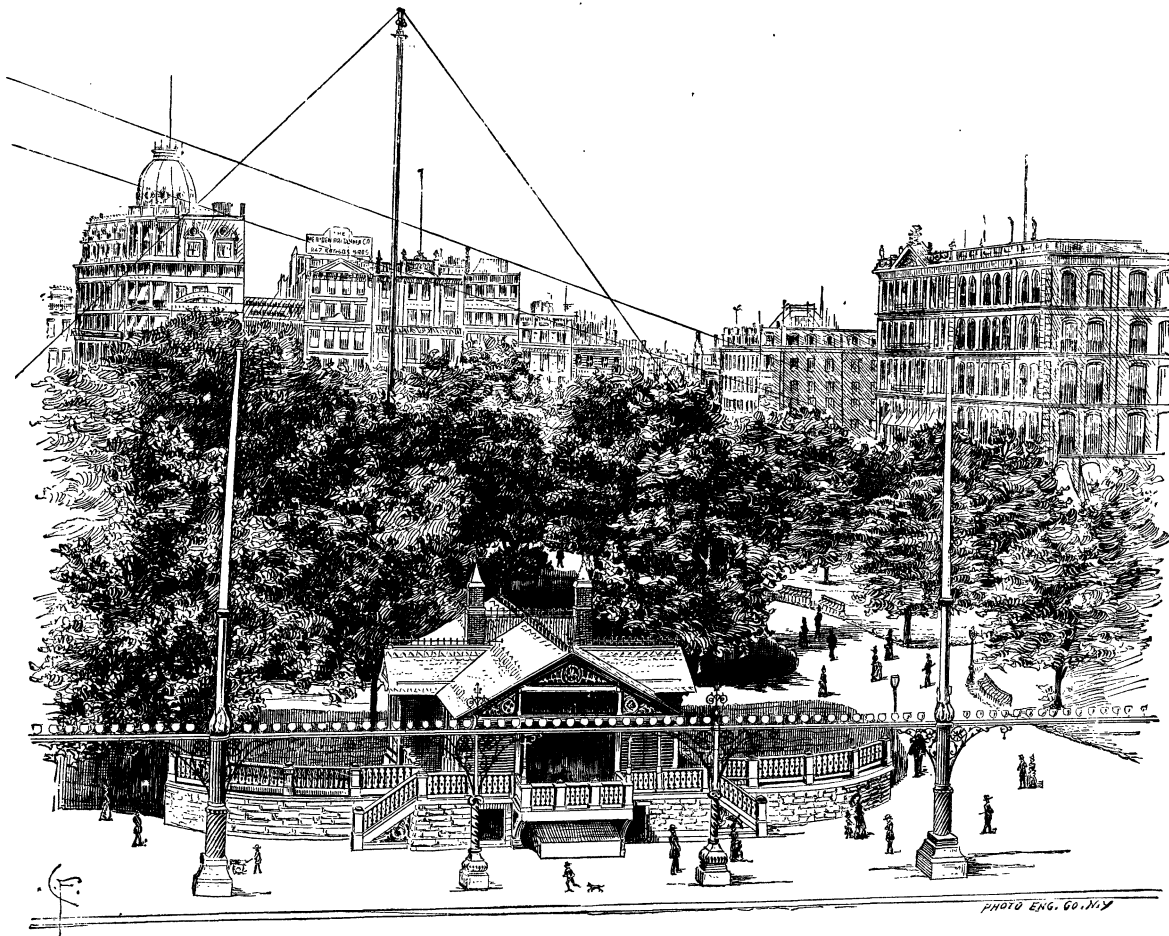
Broad Street, the "haunt of the curbstone brokers," has many associations linking the present with the past. On the corner of this thoroughfare and Pearl Street is the famous De Lancy House, erected early in the last century by Stephen De Lancy, a Huguenot refugee from Normandy. In this house, on the evening of Nov. 25, 1783, Washington and his staff, with Governor Clinton, celebrated the evacuation of the city by the British troops, and here, a few days later, Washington said "Good-bye" to his officers, before departing for Annapolis to resign his commission. This historic building has passed through many phases, and once became a German tenement-house with a lager-beer saloon located on the third floor. A few years ago it was thoroughly renovated and given an air of respectability. Upon its front is the inscription, "Washington's Headquarters." All about this thoroughfare are, here and there, relics of the past in the shape of buildings once the homes of the rich burghers of colonial days.

Pearl Street, the locality of cotton-brokers, the Cotton Exchange, and wholesale houses in various staples, is said to have been originally a cow-path, and it is undoubtedly crooked enough to justify such an origin. One square northward is Pine Street, also embraced within the "financial centre," for upon this finely-built, though narrow, thoroughfare are many noble, massive, and lofty structures, occupied by banking concerns and corporate companies. Parallel with Broadway, from Wall Street to Printing-House Square, opposite the City Hall Park, runs the narrow and crowded Nassau Street, first laid out in 1696, under the designation of "The Street that runs by the Pie-woman's, leading to the City Common." There are many fine buildings in Nassau Street, which is noted for its second-hand book-shops and stalls, to which collectors of antiquities and "book-worms" come from all parts of the country. In this street was formerly a quaint old structure, built in 1727-9 for the Middle Dutch Church, from whose steeple Benjamin Franklin sent forth his famous kite, by means of which was discovered electric fluid in the dark clouds of a thunderstorm. The British, during the Revolutionary War, utilized the sanctuary as a military prison, and afterwards as a riding-school for cavalymen. Sanctified by deaths within its walls of scores of patriots, its possession was resumed when the war had ceased. Later the church was secularized, and it then served as the city Post Office until 1875, and since then its site has been covered by the vast structure of the Mutual Life Insurance building.

Returning to Broadway, whence we deviated for a ramble among the great monetary institutions, we find streets to the left and right of us, severally tempting a stroll along and an inspection of its lines of busy stores and warehouses. First are Cedar and Liberty streets, filled with wholesale and retail business houses, and extending from the East to the North River. Next, on the left, is Cortlandt Street, named in honor of the first native mayor, lined with stores and offices in varied lines of business, and leading to the much-frequented ferry-house of the Pennsylvania Railroad. The immense building of the Coal and Iron Exchange is also located on Cortlandt Street, opposite to which, on the

right of Broadway, is Maiden Lane, the "Maidens' Path" of the Dutch settlers, and now the great centre of the wholesale trade in firearms and jewelry. A block ahead is Dey Street, with its produce warehouses on the left and John Street on the right. The latter contains a Methodist church occupying the site of the first meeting-house built in America (in 1766) by the Methodists, now the most powerful sect in the country.

Travelling the length of another block on Broadway, we are brought athwart Fulton Street, which stretches from river to river, having at its termini two of the most important markets in the city, Wash-



Union Square, South from the Plaza.

ington Market on the North River, and Fulton Market on the East River. It is, too, the principal approach to Fulton Ferry, which is the most largely patronized of the New York ferries, and which at all times presents a most animated scene of diversified throngs moving to and fro. Few of the downtown streets offer more interest and variety to the eye of the stranger than Fulton Street, which, during business hours, is ever a scene of much animation and movement. On the west of Broadway, the yard of St. Paul's Church takes up one side of the thoroughfare as far as Church Street, and the remainder of the street is occupied by paper and produce warehouses, saloons, etc. At the foot of the street, and bounded by West, Washington, and Vesey streets, is Washington Market, the largest of the markets, and the principal centre for the distribution of meats throughout the city. On the east of Broadway, Fulton Street is lined with large wholesale warehouses, and with retail stores. Nowhere in New York, probably, is a greater variety of articles offered for sale than in this street, which was named in honor of the inventor of steam navigation. All kinds of articles, from pins and needles to



heavy iron work, from guns and fishing-tackle to the costliest jewelry, from books and stationery to every kind of wearing-apparel, from paintings and bric-a-brac to old junk-iron. On the corner of Broadway and Fulton Street is the imposing ten-story "Evening Post" Building; and located at the foot of Fulton Street, in which can be seen more well-dressed men and women than in any thoroughfare off Broadway in down-town New York, is Fulton Market, built upon the site formerly occupied by a large number of dilapidated old wooden shanties. Fulton Market is one of the objects to which strangers are always desirous of paying visits, and it has two specialties—fish, which are sold on the northern or Beekman side of the building, and oysters, which are served in all styles on the southern and eastern sides. Two squares above Fulton Ferry, Fulton Street, in the early part of this century, contained one of the most aristocratic and exclusive hostelries in the city. This was the United States Hotel, a portion of which, on the construction of the elevated railway across the street, was transformed into a railway station, the street space not admitting of the erection of a depot. Running from Fulton Market to Park Row is Beekman Street, crowded with extensive wholesale paper warehouses; and northward of Fulton Street, and extending from City Hall Park to the East River, is the district known as "The Swamp," the centre of the hide and leather trade of the metropolis. This appellation was acquired on account of the low situation of the land, which was formerly flooded at high tides. The thoroughfares in this region are narrow and short, and the air is redolent of salted hides and fresh sole-leather, mixed with the more aromatic smell of kid, morocco, and calf-skin, in which commodities a large trade is carried on. The approaches of the East River or Brooklyn Bridge (described elsewhere), skirt the Swamp on the north, and a wide thoroughfare, which has replaced the narrow Frankfort Street, runs parallel with these approaches.

Returning to Broadway we are soon in the thick of a chaotic mass of hacks, trucks, carts, horse-cars, and vehicles of every description, sidewalk merchants, bewildered pedestrians anxious about their limbs and lives in their efforts to cross the choked-up thoroughfare, where drivers are swearing lustily at and threatening each other with annihilation, where foot-passengers are railing at the delay, and where policemen are sweating and flushed in the face with shouting and brandishing their clubs to get the machinery of travel running smoothly. This is at Post-office Square, through which runs Broadway in a straight line, and onto which debouch Vesey and Ann streets and Park Row.

In Vesey Street is the Mechanics and Traders' Exchange, and this thoroughfare, at the foot of which is Washington Market, is the habitat of butchers, fish dealers, hardware merchants, dealers in new and old clothes, and sidewalk merchants trading in anything and everything from blacking and rusty razors to broken crockery and fine-art goods. At the head of the street is St. Paul's Episcopal Church, a silent spectator of the struggling mass of humanity, vehicles, and horses below. St. Paul's, where Washington performed his religious devotions, was built as a chapel-of-ease to Trinity Church in 1764-66. The interior is quaint and old-fashioned in its fixtures and arrangements. At mid-aisle, on the Vesey Street side, the site of the pew of Washington is marked with his initials. The organ was brought from England long years ago. Dr. Auchmuty used to read prayers for the king, in the chancel, until the drummers of the American garrison beat him down with the long roll in the centre aisle. Among those buried in St. Paul's churchyard were Emmet and MacNeven, Irish patriots of '98; Gen. Richard Montgomery, the brave Irish-American, who was killed in storming Quebec; John Dixey, R.A., an Irish sculptor; Capt. Baron de Rahenan, of one of the old Hessian regiments; Col. the Sieur de Rochefontaine, of our Revolutionary army; John Lucas and Job Sumner, majors in the Georgia Line and Massachusetts Line; and Lieut.-Col. Beverly Robinson, the Loyalist, and other notabilities.

On the northwest and opposite corner is one of New York's most noted hotels, the Astor House, which, when it was built, something more than a generation ago, was a marvel of size and splendor, though it is now thrown in the shade by more modern structures. John Jacob Astor, its builder, was born near Heidelberg, in Germany, in 1765, and came penniless to the New World to seek his fortune. After serving as clerk, he then engaged in a small way in the fur business, which eventually grew to the proportions of the American Fur Company, and brought to its founder a large fortune, though no one outside his family ever knew its exact amount. He settled most of his affairs before his death, selling the Astor House to his son William for the consideration of one dollar. Much of his property was in real estate, which constantly increased in value. He died in 1848, and his senior son being an imbecile, William B. Astor, the younger brother, inherited most of his father's fortune. The son became vastly richer than his

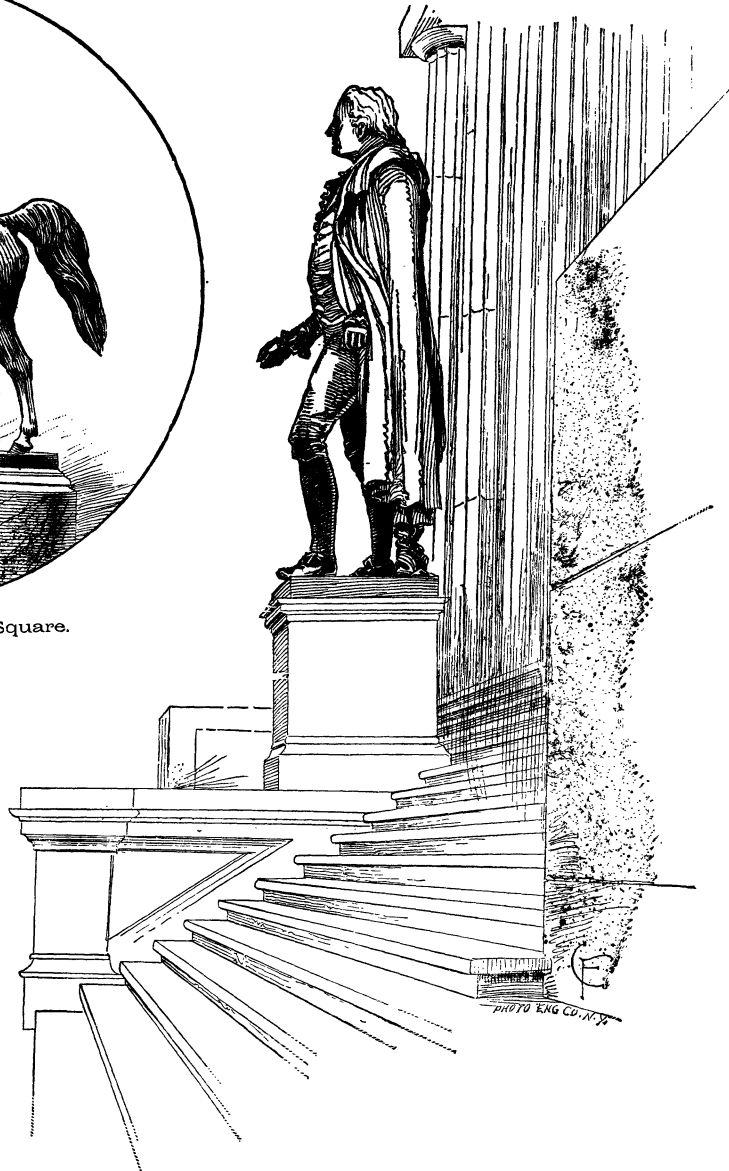
father, dying in 1875, leaving behind him a fortune of \$50,000,000, which was mostly bequeathed to his eldest son, John Jacob, who is now the head of the house.

Directly opposite St. Paul's, and on the eastern side of Broadway, at the corner of Park Row, is the splendid building of the *New York Herald*, a spot long familiar to visitors to the metropolis as the site of Barnum's Museum, which was destroyed by fire. Park Row and Printing House Square are scenes of unceasing activity. The tall buildings here, like that of the *Herald*, are illuminated with elec-



Washington Statue, Union Square.

tric and gas lights from sunset to sunrise. These are the offices of the other great morning newspapers—the *World*, the *Times*, the *Tribune*, the *Sun*, etc. The upper stories of the high buildings contain the editorial and composing rooms, which blaze with light, while on the ground-floor paler beams illumine the advertising rooms, where a few weary clerks sleepily await the arrival of the last advertisements. The imagination cannot encompass the nervous reach and power of the influence which those steadily-burning lamps symbolize. Sitting under the trees of the City Hall Park, near by, an agreeable break in the high-walled street, we are passed from time to time by reporters hurrying to their offices with rolls of "copy" bearing on every current topic—lectures on evolution, sermons, theatres, fires, murders, receptions, funerals, and weddings. An hour or so later the same slaves of the lamp pass us again as they go home; later, the editorial writers are seen, and later still the proof-readers and compositors. The editor-in-chief drives home in a coupé. The law-givers and law-makers—people in themselves mighty, but not as mighty as he—have waited upon him in humility, and accepted a



Washington Statue, Treasury Building.

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moment's audience as a boon. He is the incomparable planet of American civilization, although the lustre of the satellites sometimes outshines the planet itself; and as he composes himself in the corner of his modest carriage, his brain reflects in epitome the history of the world for a day. On a calm evening one can, on a bench in the Park, hear the roar of the presses, and in that roar fancy that the articulation of the power which the myriad white sheets are to have in the morning.

The Post Office and United States Court Building is the most imposing of the public edifices in New York. The only materials used in its construction are iron, granite, brick, and glass. The granite was brought from Dix Island, Maine. It is a triangular building, in the Doric style of architecture, modified by the Renaissance. The north front of the building is 290 feet in length, the Broadway front 340 feet, and the Park Row front 320 feet in the clear. On each of these two fronts, however, there is an angle which, running back some distance, forms the entrance, looking down Broadway. The entire width of this front is 130 feet. These entering angles and projecting porticoes give this front a very bold and striking appearance. The basement is devoted to sorting and making up the mail. The first floor is used as the receiving department, comprising the money order and registry office, stamp and envelope bureau, etc. On the second and third floors are the United States Court rooms, and the attic furnishes rooms for the janitor, watchman, etc. The building was finished and occupied in September, 1875, the cost of erection being nearly \$7,000,000. Over 600,000,000 letters, newspapers, etc., annually pass through the office. The office yields a profit, annually, of nearly \$3,000,000, and is the largest in the United States.

From the Post Office corner the view up and down Broadway is in all respects picturesque and interesting, and fills the mind with a vivid sense of the immense activity of New York life. [See the illustration of the scene from the Post Office, looking north.] A continual roar comes from the moving of vehicles, and on the crowded sidewalks merchant princes and women in the gayest of attire elbow their way among beggars and dust-covered laborers, while grotesquely-attired negroes and ill-clad white men, sandwiched between advertising-boards, demand a double share of room. Peddlers of knick-knacks of every description intensify the everlasting din by their shrill crying of their wares, and fruit-stall and flower-stand owners take possession of the street-corners. The scene is at all times impressive, and one not easily effaced from the memory.

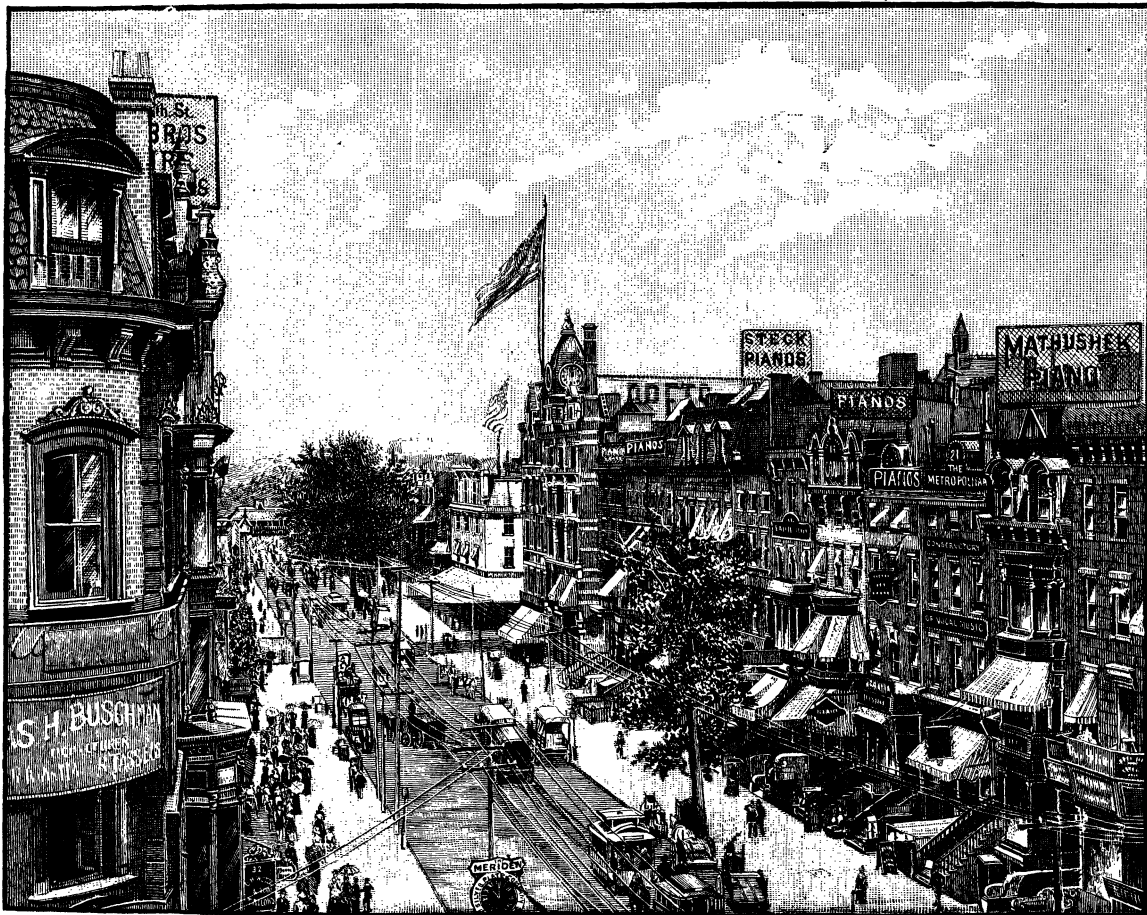
Adjoining the Post Office are the City Hall Park, City Hall, Court House, and other public buildings, an illustration of which we give herewith. The park, which is bounded by Broadway, the Post Office, Park Row, and Chambers Street, covers an area of eight acres. Before the Revolution this was an open field in the country, and was called the Vlachte, or Flats, by the ancient Dutch pioneers. It stood apart as commons, upon which the powder-house and poor-house were built. Great crowds used to assemble here to celebrate the king's birthday and other festivals. In 1776 the American army was drawn up on the Flats, in hollow squares of brigades, at evening, on July 9th, while the Declaration of Independence was read aloud by clear-voiced aides. A few months later, barracks were erected here for victorious British troops; and in 1861 other barracks, on the same site, sheltered the volunteer regiments preparing to march against Southern rebels.

The City Hall, occupying the centre of the Park, was erected in 1803, and its location was then considered on "the outskirts of the city." The hall is of white marble, built in the Italian style; the back being of brown-stone, as the authorities, eighty years ago, fancied that the town would never grow beyond it. The governor's room contains the desk on which Washington wrote his first message to Congress, the chair in which he was inaugurated, many historical portraits, and other objects of interest. A movement is now under way to build a new City Hall. The least said as to the *personnel* and doings of the governing body which meets within the walls of the City Hall will be an extension of charity to those who mismanage the public affairs they are chosen to watch over and care for. On one side of the City Hall is the Hall of Records, used during the Revolutionary War as the Provost Prison, under command of Capt. Cunningham, who suffered 2000 Americans, prisoners of war, placed in his keeping, to be starved to death, while 250 more were privately hanged without ceremony. He was himself executed at London Dock in 1791. In the rear of the City Hall, and on Chambers Street, is the County Court House, a white marble building, in the Corinthian style, chiefly interesting as being the most costly building of its size ever erected. It was built in 1869-70, during the reign of William M. Tweed, the leader of the New York "ring," when the city debt increased nearly \$50,000,000. Much of this amount was alleged to have been expended on

this building. But the lion's share of it came back in the form of "rebates" and "commissions" to the guileless William and his associates.

In the immediate vicinity of City Hall are Barclay Street, Park Place, Murray, Warren, and Chambers streets, noted for their wholesale establishments crowded with hardware, iron, saddlery, glassware, crockery, lamps, toys, wines and liquors, machinery, food products of all kinds, etc.

From Chambers Street to Fourteenth Street Broadway presents to the eye a busy scene in all the departments of trade, excepting the more crude and heavy articles of merchandise, such as hardware, iron, food products, etc., which have their headquarters on the lower streets. Imposing structures of massive build line the great thoroughfare, and these buildings are devoted to the wholesale trade in textile fabrics and fancy goods, while the signs of manufacturers of clothing, boots and shoes, etc., are seen on every hand.



Fourteenth Street, West from Broadway.

During the busy seasons of the year the sidewalks are so encumbered with boxes and bales that pedestrians are much obstructed in their passage, and the great warehouses are ablaze with lights nearly all night to accommodate the pressure of business, which taxes the utmost efforts of the merchant and his clerks. Nearly all the wholesale trade of the metropolis, in the lines mentioned, is centred on this part of Broadway and several side squares either way from the central highway.

At Canal Street, which in bygone days was the bed of a rivulet, the view up and down Broadway is exceedingly brilliant, picturesque, and attractive. The range of vision covers a long array of business palaces, first-class hotels, etc., representing every style, taste, and beauty in architecture, and it also includes a moving mass of beings in every style and color of attire, the whole making up a charming scene that never wearies.

Above Canal Street the retail stores begin to appear at intervals. Among the business houses here are many fine and attractive wholesale and retail clothing establishments. By degrees, however, the retail stores are being driven out, and there are now almost no retail shops below Tenth Street devoted to the trade in women's apparel, etc., so that the former characteristic of this part of the thoroughfare have ceased to be. But if the retail stores have disappeared, they have been succeeded by structures of high architectural merit, that have imparted an improved aspect to the thoroughfare.

From Ninth Street to Fourteenth Street, a length comprising five squares, there becomes manifest that stir and bustle incident to the presence of large retail stores. Within this length is the biggest retail dry-goods house in the country, built by the late A. T. Stewart, and numerous other large establishments assist in keeping a brisk trade centred in this vicinity; but the movement is in the direction of up-town, and one must go to Fourteenth Street, to Broadway above Union Square, or to Twenty-third Street, if he would see the great throngs of people and all the brilliant life that in former years characterized Broadway from Canal Street to Tenth Street. In going, the pedestrian, if he has the full use of his eyes, cannot avoid a glance at that very sumptuous and ornate edifice of marble, with a lofty marble spire, Grace Church. The interior is rich in delicate carvings, lines of stone columns, forty stained-glass windows, etc. Renwick built the church in 1845. The beautiful little chantry, opening off the south aisle, and erected by Catherine Wolf's bounty, well merits a visit. This church is noted for fashionable weddings and funerals.

At Fourteenth Street, Union Square, one of the handsomest of New York's minor parks, is reached. The park itself is oval in form, about three and a half acres in extent, and it lies between Broadway and Fourth Avenue and Fourteenth and Seventeenth streets. Its green turf is studded with trees, and the walks are well kept. It has an attractive fountain in its centre, and a number of fine shade-trees. It contains statues of Washington, Lincoln, and Lafayette, and the park until quite recently was lighted by six electric lights, suspended from a pole 150 feet high. It now has the single electric lights on smaller poles distributed numerous about the Square. In the early morning and late afternoon the park is a great resort of children and nursemaids wheeling baby-carriages, and juvenile life lends to the aspect of this "breathing-place" one of its most attractive features. Along its northern end is a wide plaza for military parades and popular assemblies. A southern view from this plaza will be found among the illustrations in this work. Union Square, a quarter of a century ago, was a fashionable residence quarter, but it has yielded to the march of trade. The surroundings abound in emporiums of commerce, hotels, theatres, etc. Fourteenth Street, which stretches across the island of Manhattan, is, on the western side of Broadway, one of the most fashionable shopping-centres in the city. (Of this section of this fashionable thoroughfare a magnificent view is given in these pages.) Here are some of the largest retail dry-goods stores in New York, and "hereabout women and finery doth abound."

Proceeding up Broadway from Union Square, the sight-seer passes by many fine buildings—hotels, theatres, jewelry and other stores—and mixes in a varied stream of pedestrian life full of interest and movement. The show-windows of the stores make a complete international exposition of industries; and it would be difficult indeed to think of anything that could not be bought on Broadway. The dry-goods stores preponderate, and after these are the glove-stores, where plaster arms display the monstrous absurdity of 22-button kids; the music-stores, where are offered the present most popular music; the stationers', where the last fashions in note-papers and cards are revealed; the fancy-stores, whose windows are filled with miracles of tortoise-shell and ivory carving and expensive ornaments for the house and the person; the photographers', where pictures are sold of the last idol of the hour; and the confectioners', whose sweetmeats are put up in the daintiest and most extravagant packages. The sidewalks are crowded with well-dressed, handsome women, out on shopping expeditions or for an airing, and the sidewalk-merchants appear to understand the whims and fancies of the sex from whom they expect patronage and adapt their wares accordingly. If pet dogs just happen to be the craze, there is the dog-fancier, with a basket of pups, looking like balls of wool, and appealing to the tenderest passions of womanhood, to be bought and nursed in the lap of luxury; while the same woman's softness is more strongly appealed to by the one-armed soldier, whose barrel-organ has grown tired in its vain effort to make itself heard above the rattle and roar of the street; and the vendors of toys, flowers, and gimcracks of every description are in no sense backward in pressing their claims for notice.

At Twenty-third Street—another popular fashionable shopping thoroughfare—where Broadway runs diagonally across Fifth Avenue (see illustration), we reach Madison Square, the central point of the life and splendor of New York—the very heart of the world of amusement, gayety, and fashion. The Square is bounded by Broadway, Madison Avenue, and Twenty-third and Twenty-sixth streets. The park is very beautifully laid out. The lawns are kept trimmed and neat, and under the shade-trees thousands seek shelter from the summer sun. The park is illuminated by electric lights, and it contains statues of William H. Seward and Admiral Farragut. At the junction of Broadway and Fifth Avenue, opposite the park, stands a fine monument to the memory of Major-General Worth, a gallant soldier of the War of 1812 and the Seminole and Mexican campaigns. The promenade in Madison Square on fine afternoons is full of animation, and all types of feminine beauty in a fluttering stream of feathers, petticoats, and furbelows are to be found here in groups. The surroundings of the park, which is six acres in extent, are of the most striking character. At one time a most select, aristocratic, residential quarter, it has been invaded by trade, before the advance of which the wealthy are kept moving northward. There are several very notable restaurants in this animated centre. Delmonico's, at the corner of Fifth Avenue and Twenty-sixth Street; the new and very elegant café of the Hoffman House, at the corner of Twenty-fifth Street; and the Brunswick Café, at the corner of Twenty-sixth Street, are all celebrated, and contribute to the activity and gayety of Madison Square. In Broadway, north from this point, are the Gilsey, the Leland, and the St. Cloud hotels, where everything is luxurious, and yet in the purest taste.



Lafayette—Union Square.

To the right and left from this point of Broadway jut off streets that contain the abodes of those of wealth and refinement, and the great thoroughfare itself is, up to its terminus at Central Park, lined with stores, hotels, dwellings, etc., the architecture being almost as varied as the buildings are numerous.

CENTRAL PARK.

We present in these pages a magnificent view of the entrance, on Fifty-ninth Street and Fifth Avenue, to Central Park, one of the chief sights of Gotham that no visitor can afford to ignore, since it is admittedly the most popular and beautiful public park on the American continent. Labor, skill, and the expenditure of upwards of \$15,000,000 have here turned into a paradise what, only thirty years ago, was a dreary region of swamps, thickets, and ridges, disfigured with heaps of cinders and rubbish, and dotted with the squalid shanties of degraded squatters. Winding lakelets and velvet lawns have succeeded the gloomy swamps, splendid drive-ways curve round the picturesque rocky knolls, foot-paths meander through the groves and thickets, and fine architecture and monuments of art are seen on every side. The park extends from Fifty-ninth Street to One Hundred and Tenth Street (over $2\frac{1}{2}$ miles), and from Fifth Avenue to Eighth Avenue (over $\frac{1}{2}$ mile), covering 862 acres, of which 185 are in lakes and reservoirs, and 400 in forests, wherein over half a million trees and shrubs have been planted. There are 9 miles of roads, $5\frac{1}{4}$ of bridle-paths, and $28\frac{1}{4}$ of walks. The landscape architects of the Park were Frederick Law Olmsted and Calvert Vaux. Upwards of 12,000,000 people visit the Park every year, half of them on foot, and the best way to get a general idea of this great pleasure-ground is to take one of the large public park-carriages, at the entrances on Fifth Avenue and Eighth



Central Park—The Pilgrim.

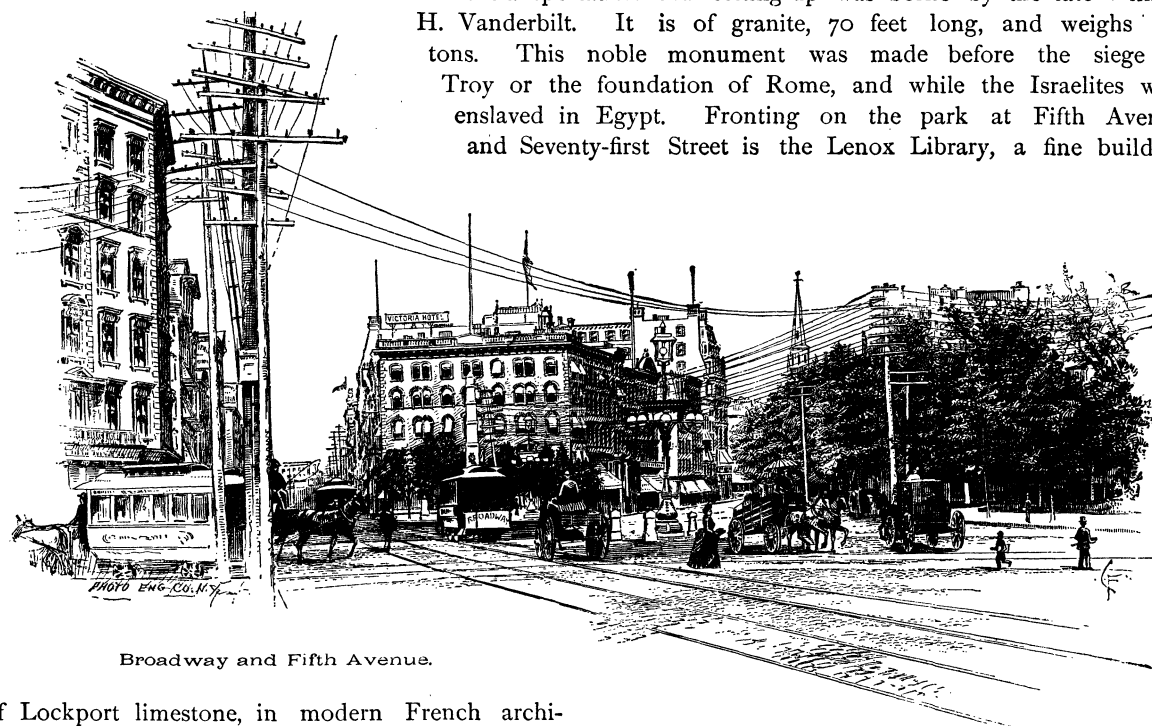
Avenue. The fare to Mount St. Vincent, in the northern part, and return, is twenty-five cents. In the southwest part of the Park is the Ball-ground,—a ten-acre lawn, where the boys may play cricket, base-ball, or tennis; and adjoining it on the northeast is the *Carrousel*, for young children, with swings and other means of amusement. Close by is the Dairy, affording milk and light food for the little ones. Beyond is the Green, or Common, a lawn of 16 acres, made picturesque by grazing sheep, and thrown open to the people on Saturday. In the southeast part is the Ménagerie, around the old castellated Arsenal Building, with many cages for animals, birds, a house full of monkeys of various kinds, bear-pits with amiable appearing ursine dwellers, and many other wild creatures, whose movements are watched by thousands of visitors daily. In winter, when several circuses board their animals here, the resident population is augmented by sundry lions, tigers, bisons, leopards, camels, hippopotami, and other rare and interesting sojourners. See illustration “Zoological,” which is a most accurate view of this section of the Park. The Mall is the chief promenade, nearly a quarter of a mile long, and 208 feet wide, bordered by double rows of American elms, with the Green on one side, and a bold, rocky ridge on the other. Here are the statues of Scott, Shakespeare, Burns, Fitz-Greene Halleck, the colossal Beethoven bust, and other artistic memorials. Beyond the Music Pavilion, where band-music is given on pleasant Saturday afternoons, is the Terrace, a sumptuous pile of light Albert-freestone masonry, with arcades and corridors, and rich carvings of birds and animals. Below is the Lower Terrace, an ornamental esplanade, in which stands the famous Bethesda Fountain, designed by Emma Stebbins, and made at Munich, and representing a lily-bearing angel, descending, and blessing the outflowing waters. We give herewith a splendid illustration of the scene here presented, and another of the Terrace and Grand Stairway, which delight all who see them. Near the Terrace is the Lake, of which see illustration. This beautiful sheet of winding water is twenty acres in extent, and is set apart for boating in summer and for skating in winter. This part of the Park is reached direct from the Seventy-second Street Station of the Third Avenue or Sixth Avenue Elevated Railroad. Beyond the Lake is the Ramble, a delightful labyrinth of foot-paths amid thickets, rocks, and streams. Farther on rises the Belvedere, a tall Norman tower of stone, overlooking the Park and the suburbs of New York, the Palisades, Long Island, Orange Mountain, and Westchester County. Next come the great reservoirs of Croton water, vast granite-walled structures containing 1,200,000 gallons of water.

The American Museum of Natural History is on the left, on Manhattan Square, a kind of annex to the Park, between Seventy-seventh and Eighty-first streets and Eighth and Ninth avenues. The Museum was founded in 1869. The corner-stone of the building now occupied was laid by President Grant in 1874, and the Museum was opened in 1877 by President Hayes. It is a gothic building of brick and granite, with several large and admirably arranged halls. Here are found the Powell collection of British Columbian objects, the Robert Bell collection from Hudson's Bay, the De Morgan collection of stone-age implements from the valley of the Somme, the Jesup collection of North American woods and building-stones, the James Hall collection in palæontology and geology, the Gay collection of shells, the Bailey collection of bird's nests and eggs, mounted mammalia, Indian dresses and weapons, Pacific Islanders' implements and weapons, 10,000 mounted birds, the Major Jones collection of Indian and mound-builders' antiquities from Georgia, the Porto Rico antiquities; a mammoth twenty-five feet high; several specimens of the extinct Australian bird, the Moa, fifteen feet high; reptiles, fishes, corals, minerals, etc. The collection is one of the largest and finest in the country. The library contains 12,000 scientific works. Many lectures are given here yearly for the teachers in the public schools, who come here to study these vast and interesting collections. New buildings are about to be added by the State. The Museum is open free on Wednesdays, Thursdays, Fridays, and Saturdays. It is reached by the Sixth Avenue Elevated Railroad to the Eighty-first Street Station, or by the Eighth Avenue horse-cars.

One of the greatest attractions of the park is the Metropolitan Museum of Art, which is situated on the Fifth Avenue side, opposite Eighty-third Street. The portion erected, which is only one of a projected series of buildings, is 218 feet long and 95 broad, and is a handsome structure of red brick, with sandstone trimmings, in the gothic style. The most important feature of this museum is the Di Cesnola collection of ancient art objects, exhumed in Cyprus, regarded by archæologists as the most remarkable of its kind in the world. There are also a number of loan collections of pottery, paintings, sculpture, arms, wood-carvings, etc., which amply reward the curiosity of the visitor. The picture-

gallery of the museum, which stands within a few feet of the East Drive, contains some of the best samples of the old Dutch, Flemish, and Spanish masters to be found in America.

Standing on a knoll in the grounds adjoining the Metropolitan Museum—and on one of the most commanding situations in the park—is the Obelisk, which is about 1500 years older than the companion obelisk on the Thames Embankment in London, and known as Cleopatra's Needle. The obelisk in Central Park was erected in the Temple of On, in Egypt, about 3500 years ago, by Thotmes III., King of Egypt, and conqueror of Central Africa, Palestine, and Mesopotamia, with hieroglyphics illustrating his campaigns and titles, and those of his descendant, Rameses II. For many centuries it stood before the Temple of the Sun, at Heliopolis, and was removed during the reign of Tiberius to Alexandria, where it remained until 1877, when the Khedive, Ismail Pasha, presented it to the City of New York. It was skilfully transported hither by Lieut.-Com. Goringe, U. S. N. The entire cost of its transportation and setting-up was borne by the late William H. Vanderbilt. It is of granite, 70 feet long, and weighs 200 tons. This noble monument was made before the siege of Troy or the foundation of Rome, and while the Israelites were enslaved in Egypt. Fronting on the park at Fifth Avenue and Seventy-first Street is the Lenox Library, a fine building



Broadway and Fifth Avenue.

of Lockport limestone, in modern French architecture. The building occupies an area of 192 by 114 feet. It was a gift to the public by the late James Lenox, who was an indefatigable collector of literary and art treasures. Mr. Lenox built and equipped the library at a cost of \$1,000,000. There has been much red-tapeism to go through before a person could get a look into the building so that it was practically closed to the public. This has lately been changed, and the library made free and accessible. The building has two wings. In the south wing is the library, containing precious *incunabula*; a perfect Mazarin Bible, printed by Gutenberg and Faust in 1650, and the oldest of printed books; Latin Bibles printed at Mayence in 1462 (by Faust and Schöffer), and at Nuremberg in 1477 (with many notes in Melancthon's handwriting); seven fine Caxtons; block-books; five of Eliot's Indian Bibles; "The Recuyell of the Historyes of Troye" (Bruges, 1474), the first book printed in English; the Bay Psalm Book (Cambridge, 1640), the first book printed in the United States, etc. There are also many rare MSS. on vellum, illuminated, dating from before the invention of printing. These objects are exhibited and entertainingly explained by the librarian, the venerable Dr. S. Austin Allibone, author of the Dictionary of Authors. The picture-gallery is in the central part of the second story, and contains about 150 canvases by artists, principally modern, but including many noted names.

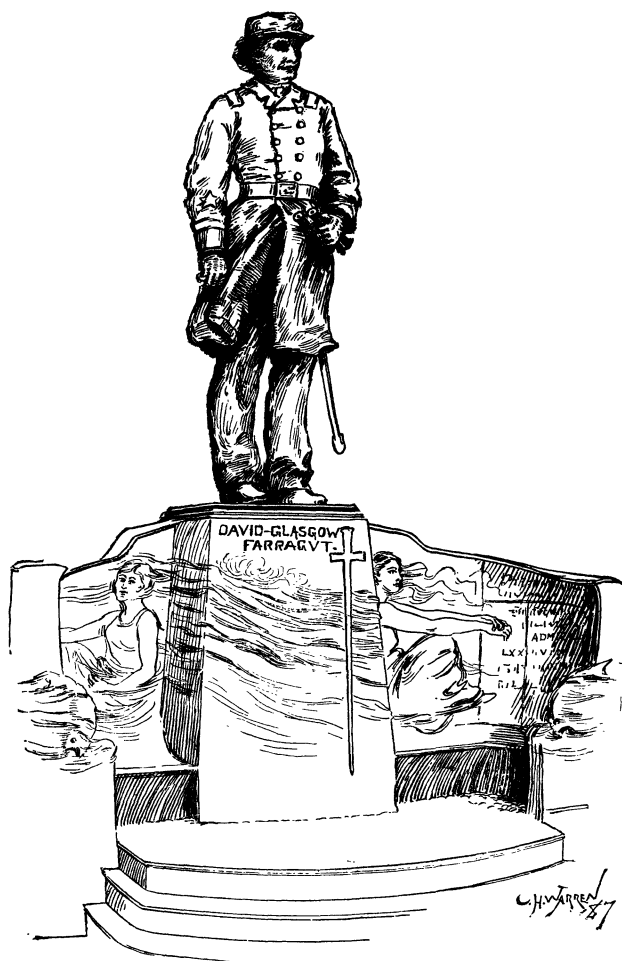
Beyond the reservoirs in Central Park extend the North Park, with the carriage-concourse on Great Hill; the North Meadow, of 19 acres; Harlem Meer, covering 12½ acres, and overlooked by ancient fortifications; and the deep ravine of M'Gowan's Pass, from which Leslie's British light-infantry drove the

Continental troops, in September, 1776. Just beyond, on the plains of Harlem, the Maryland Line came to the relief of the retreating Virginians and Connecticut Rangers, and drove back the English with heavy losses.

All the region bordering on Central Park is becoming the fashionable and aristocratic quarter of the city, as its streets afford fine opportunities for architectural effects, and are on high and healthy ground. Here and there palatial buildings are being erected, fronting on the Park, and the price of real estate advances rapidly and without reaction.

A RUN THROUGH THE CHIEF ARTERIES OF THE CITY.

That we may see more of the wonders of Gotham let us retrace our steps to the region of the Battery, where the city took its rise, and from whence the main arteries of the city branched out, linking themselves, as they extended, by cross-streets and alleys, and giving off branches that have become famous throughout the civilized world. Narrow and irregular were the streets and highways formed by the founders of the city, and their descendants shaped their thoroughfares on the plan of those of their fathers, until, in the early part of the present century, Houston Street was reached, when an intelligent and more convenient system was adopted. The thoroughfares running thence northward were and are now known as avenues, and numbered streets were planned to, and do, run from one side of the island to the other and across the avenues. The blocks between the streets bearing numbers are twenty to a mile, and the blocks between the avenues are seven to a mile. By remembering these facts the visitor or resident is enabled to quickly find the distance to be travelled to any particular up-town street above Houston Street, which is one mile and three quarters from the Battery, the starting-point of the Elevated Railroads and of other urban modes of conveyance.



Admiral Farragut—Madison Square.

The avenues, commencing at First, and numbering as high as Eleventh, run north and south, parallel to Fifth Avenue. They are supplemented on the eastern side, at the widest part of the island, by avenues A, B, C, and D. Most of these avenues commence on the eastern side at Houston Street. On the western side, with the exception of Fifth and Sixth, they commence but little below Fourteenth Street. They are mostly, save Fifth Avenue (and even that thoroughfare is now invaded by commerce), devoted to retail trade, and, on seeing their miles of stores, one wonders where, even in a great city like New York, all the people come from who support them. Second Avenue, early in the present century, was what Fifth Avenue has become to-day, the fashionable residence avenue; and even yet some of the old Knickerbocker families cling to

it, living in their roomy, old-fashioned houses, and maintaining an exclusive society, while they look down with disdain upon the parvenus of Fifth Avenue. Stuyvesant Square, intersected by Second Avenue, and bounded on the east by Livingston Place and on the west by Rutherford Place, is one of the quarters of the ancient régime. Here still live the Rutherfords, the Stuyvesants, and other New

York old families, linking the past with the present. St. George's Church, with the largest seating capacity of any church in the city, faces this square.

The street nomenclature of the lower and the oldest part of the metropolis is sometimes bewildering to the stranger, and he is not infrequently led into mistakes until he becomes familiar with the topography of this section of the city. For instance, a name is sometimes repeated more than once, and, again, two or three names will be bestowed upon the same street. There is a Broadway, an East Broadway, a West Broadway, and a Broad Street. There is a Greenwich Avenue and a Greenwich Street. There are two Pearl streets. There is a Park Avenue, a Park Street, a Park Row, and a Park Place. On the other hand, Park Row becomes East Broadway east of Bowery; Dey Street is transformed into John Street east of Broadway; Cortlandt becomes Maiden Lane at the same dividing line; and other streets are in like manner metamorphosed. Fourth Avenue, beginning at the Battery as Pearl Street, changes to the Bowery at Chatham Square.



Madison Avenue.

At Fifth Street, without any change in its direction, it becomes Fourth Avenue; from Thirty-fourth to Forty-second Street it is Park Avenue, and then relapses into Fourth Avenue again. This is one of the most interesting avenues in the city. As to Pearl Street, its windings and its business occupations have already been referred to.

If the reader desires to see the city quickly—to take a bird's-eye view of the plan and extent of the greatest city of the New World—let him repair to the Battery and there ascend the terminus of the Elevated Railroad, the like of which is not to be found in the universe. A fine view of the terminus and of New York Harbor is given herewith, and another of the railroad and the Coenties Slip at this point. By the elevated railroad the long-vexed problem of rapid transit has been solved in a practical and efficient manner. That it has not improved the appearance of the streets through which it passes, must be admitted; and while the railroad has in some localities caused a deterioration in the value of property, in others it has had just the opposite effect. It has, however, secured what was aimed at in

the outset—quick travel from one end of the island to the other. There are now four distinct elevated railroads, but all are operated by one company, the Manhattan Company. The old Greenwich Street and Ninth Avenue line, on the west side of the city, extends from the Battery to the Harlem River above One Hundred and Fifty-fifth Street. The Sixth Avenue road was the first constructed after the successful experiment on Ninth Avenue, and this is the most popular of all, chiefly on account of the fact that trains run easier. It extends from the Battery to New Church Street, rear of Trinity Church; thence to West Broadway; thence crossing Canal Street to South Fifth Avenue; thence to Amity Street, into which it turns in order to reach Sixth Avenue; and from thence to Central Park, at Fifty-ninth Street; but at Fifty-third Street a branch of the road extends to Ninth Avenue, where it joins the Greenwich Street and Ninth Avenue road, and continues on the line of that road to Eighty-first Street. At this point the track resumes the character of the Sixth Avenue structure, and extends to One Hundred and Tenth Street, through this street to Eighth Avenue, and through this avenue to One Hundred and Fifty-fifth Street at Harlem River. Here it joins with the New York City & Northern Railroad for points in Westchester County and as far as Brewster's, 53 miles distant. The distance from the Battery to One Hundred and Fifty-fifth Street is nearly 10 miles. The Sixth Avenue road is the most pleasant line on which to travel, but the Third Avenue line, which also starts from the Battery, has the largest patronage. It proceeds from the Battery through Front and Pearl streets until it arrives at New Bowery; then it extends to the Bowery, which begins at Chatham Square, and from this point its course is direct to Harlem River, at One Hundred and Twenty-ninth Street. There is a branch of the Third Avenue road, with its head at City Hall and at the entrance to the East River Bridge (see cut), and which connects with the main line at Chatham Square; and there are also branches to Long Island Ferry at Thirty-fourth Street, and to the Grand Central Depot at Forty-second Street. The Second Avenue road starts from the Battery, over the same line as the Third Avenue to Chatham Square, goes through Division and Allen streets to Second Avenue, and thence to Harlem River, where a junction is made with the line of the Harlem River and Port Chester Railroad Company, who have spanned the river with a bridge and are now engaged in carrying an elevated road to beyond West Farms. The rate of speed on all the elevated railroads is about 15 miles an hour. Stations are frequent, being never more than half a mile apart, the average distance being less. The equipment of these roads is all that can be desired. To the resident up-town and having business down-town, the elevated roads are such a boon that he wonders how he ever did without them before they came into existence. As a mode of access to theatres, places of amusement, places of business, the value of these roads increases year by year. Real estate in the upper sections of the city has been much enhanced in worth, and building has pushed forward rapidly. The effects of these roads have only begun to be fully appreciated by the public. The most impressive scene connected with the elevated railroad as an illustration of audacious and skilled engineering, is at One Hundred and Tenth Street, between Eighth and Ninth avenues. Here the sub-structure attains the remarkable height of 63 feet, and the massive iron beams and girders, owing to their great elevation, appear too frail to support the burden placed on them. To stand under this structure when a train is sweeping along overhead is awe-inspiring. The fare on all the elevated roads is five cents, with no extra charge for transfers to the branch lines.

Since 1884 a line of horse-cars has existed from the Battery, through Broadway, to Forty-fourth Street, and thence along Seventh Avenue to Central Park at Fifty-ninth Street.

Another horse-car road from the Battery is the Belt Line, which runs across the East River front to Fifty-ninth Street, and down to the Battery again on the North River front (west side). This line passes all ferries, steamship and steamboat docks.

While on the subject of horse-cars we may here mention that there are over forty different lines of horse-cars in the city. Among the principal, besides those already alluded to, may be named:

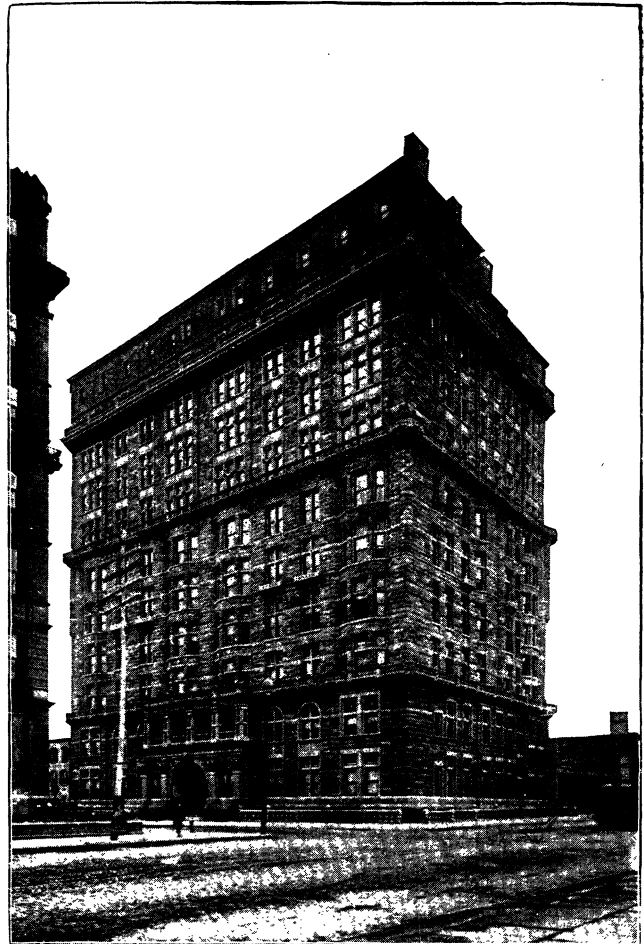
Madison Avenue Line, from Post Office to Fourth Avenue, up Fourth Avenue to Madison Avenue, to One Hundred and Thirty-eighth Street; Third Avenue Line, from Post Office to Third Avenue, and up Third Avenue to Harlem; Sixth Avenue Line, from Broadway and Vesey Street to Sixth Avenue, and up Sixth Avenue to Central Park (Fifty-ninth Street); Cross-town lines cross the city from river to river, at Canal Street, Grand Street, Houston Street, Fourteenth Street, Twenty-third Street, Forty-second Street,

Fifty-ninth Street, and One Hundred and Twenty-fifth Street; Boulevard Line (green cars), through Forty-second Street up the Western Boulevard to Riverside Park and General Grant's tomb.

The old lines of omnibuses once so common in New York have entirely disappeared, and the only line of stages now existing is on the route from the corner of South Fifth Avenue and Bleecker Street to Sixty-fourth Street. The coaches are handsome in appearance, have seats inside for twelve and on the top for six persons, and on the top it is quite common for ladies to ride. The fare is five cents. Hacks and other carriages are to be hired all over the city under regulations of the city authorities. Every hired carriage carries a copy of these regulations with lists of fares. From the Battery, therefore, one may be carried with "the utmost despatch," by a choice of travel, at a very small outlay, into any and every section of the city; and the most interesting objects in these sections we propose to bring before the reader's notice.

SCENES ON THE RIVER-FRONTS, AND IN THE TENEMENT-HOUSE DISTRICTS.

The true student of city life will not content himself with merely inspecting the gorgeous palaces of the rich, mixing with the gay crowds of loungers on the fashionable promenades, or with the stylish "butterflies" of the hour in the halls of finery, dissipation, and extravagance, but will seek to penetrate the gilded crust of Gotham's every-day existence, and get among the hard-handed sons of toil, who earn their bread by the sweat of their brows, and among those who, though they "toil not and spin not," and have no visible means of living, yet live. The sight-seer will find on the thoroughfares adjoining the water-line of New York much to amuse him, and not a few incidents for subsequent reflection. The importance of the business represented in the bustle and struggle for movement along such avenues as West Street, on the North River front, and South Street, on the East River front, can scarcely be exaggerated. The scenes presented here have characteristics peculiar to the locality, and no counterparts of them are to be met with in other sections of the city. The streets running along the river-fronts, and those shooting off from them in the direction of Broadway, are always the dirtiest and most unsightly in the metropolis. To some extent they are necessarily so, but if the scavenger's brooms were more frequently exercised, and if the ash-carts of the city were more often seen in the locality, this region would be less filthy and more wholesome. From morning to night the streets are literally choked up with heavy drays, trucks, baggags and freight wagons, so that the chaos seems almost inextricable. The roughest of the laboring classes find employment in these regions, and above the roar and confusion are heard the oaths of furious drivers, who occasionally get down from their lofty perches and engage in a furious fisticuff combat. West Street, which runs from Battery Place north to Tenth Street, has upon it the depots and ferry-houses of the great railway companies, the wharves of the big ocean steamships, the wholesale produce houses, Washington Market, etc. The sidewalks are crowded with boxes, barrels, stalls, etc., and passengers of



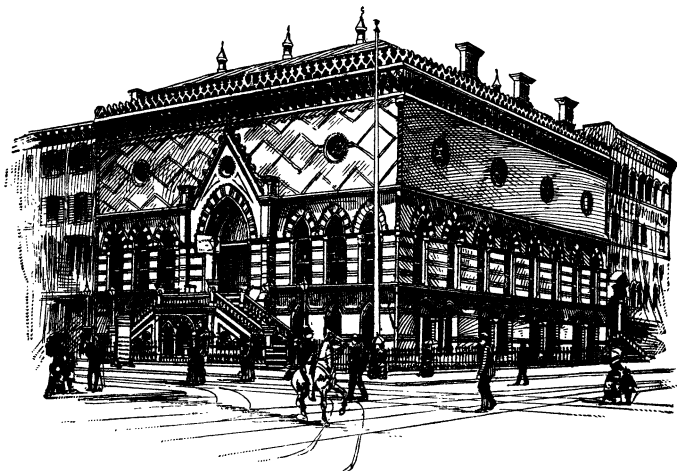
The Osborne Flats,
Fifty-seventh Street and Seventh Avenue.

whom there is an unceasing tide coming and going to the ferries, have a dangerous time in picking their way among boxes and barrels, and a more dangerous task when crossing the street through a tangle of horse-cars, express and baggage wagons, hacks, drays, trucks, etc., constantly arriving and departing. South Street, running from the Battery east along the East River, is a locality where the world's commerce manifests itself in a forest of tall masts. Here "confusion worse confounded" in the struggles of vehicles and passengers is encountered, but, somehow, the apparent chaos and disorder keeps straightening itself out as quickly as it is created, and so the tangle and turmoil goes on from day to day, and probably will until the crack of doom.

While New York is one of the richest cities on the globe, while it has within its confines more millionaires than any other centre in Christendom or Heathendom, it has also in its midst a vast population representing wretchedness and poverty in their worst forms, and a class of criminals who for downright devilry and cunningness are nowhere excelled on the face of the globe.

While the visitor is on South Street let him penetrate into the off-streets, where he will find himself in the heart of the tenement region, deeply honeycombed with misery and corruption. The tenement-houses tower to a height of five and six stories, and on every floor are crowded a number of families; and if wretchedness in human habitations is to be found anywhere, it is surely to be found here. There is no yard-room to the houses, and clothes are dried on the roofs or on ropes extended from one side of the street to the other, and worked by means of pulleys. Beer-saloons are thickly planted, and men and

women in their misery seek consolation in foam-topped beer, while their children run about in rags and tatters. The greater part of the region embraced within the Bowery and the East River, and Chatham Square and Tompkins Square, is known as the tenement-house district, and within a space of half a mile over a hundred thousand people crowd and live lives of toil and suffering. Incipient communism has frequently broken out, as might well be expected, and the police have frequently had serious tussles with the discontented workmen. These are districts visitors from abroad are not taken to see, but here is represented a phase of life in the metropolis that those entrusted with the government of the city dare not ignore. Chatham

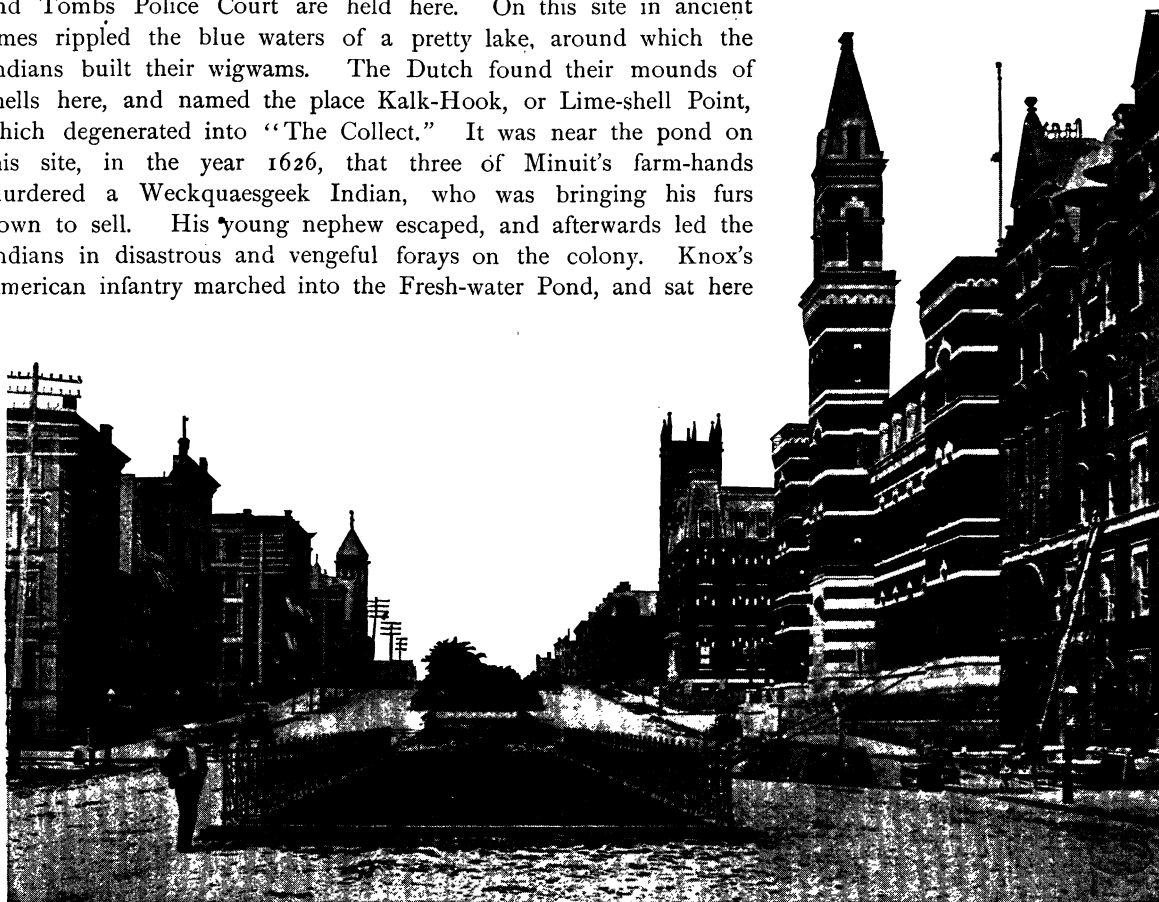


Academy of Design.
Twenty-third Street and Fourth Avenue.

Square has been aptly described as "the vestibule of the worst quarter of the city." Passing thence through a narrow thoroughfare lined with Jews' stores, crowded with new and second-hand clothing, boots, shoes, etc., one reaches Baxter Street, and next the Five Points, once the most infamous locality of the metropolis. Here, a generation ago, a respectable man who attempted to pass through this region, even in broad daylight, considered it necessary to be armed to the teeth. It was the rendezvous of burglars, thieves, garroters, cut-throats and women of ill-fame. Hundreds of families were huddled together in tumble-down tenement-houses, passing an existence in filth and wretchedness, and with such an utter disregard of decency as is scarcely to be credited. Christian philanthropy, however, ultimately stepped in; mission schools and a house of industry were established, the old tenements were razed and better ones built in their stead; and to-day the Old Bowery, Cow Bay, and Murderers' Alley are known only in name. The Five Points is at the junction of Baxter, Worth and Parker streets; but it is in reality five points no longer, since the carrying through of Worth Street to the Bowery created another point. With all its improvements this region is still dreadful enough. The "improved tenement-houses" are but wretched hovels, and the neighborhood abounds with poorly-clad children, drunken men and depraved women. This is the centre of a wretched quarter, which extends westward to Broadway, and almost indefinitely in other directions. Mott, Mullberry, Baxter, Centre, Elm, and Crosby streets are filled with overcrowded tenement-houses, the abodes of Italians, Chinese, etc.; and it is pos-

sible to take a stroll through some of these thoroughfares and never hear a word of English spoken.

The Tombs, the city prison, famous in the criminal history of New York, is located in the midst of this quarter, occupies an entire block, and is bounded by Centre, Elm, Leonard, and Franklin streets, and is a large and gloomy granite building in the pure Egyptian style. The hanging of criminals takes place here. Visitors are admitted on application at the office of the Commissioners of Charity and Corrections, corner of Third Avenue and Eleventh Street. Sometimes more than five hundred prisoners are incarcerated within these frowning walls,—murderers, incendiaries, burglars, thieves, and all their horrid crew. The murderers' cells are of especial strength. The building dates from 1838, and holds prisoners awaiting trial, and convicts awaiting to be executed, or sent to the State prison. The Special Sessions and Tombs Police Court are held here. On this site in ancient times rippled the blue waters of a pretty lake, around which the Indians built their wigwams. The Dutch found their mounds of shells here, and named the place Kalk-Hook, or Lime-shell Point, which degenerated into "The Collect." It was near the pond on this site, in the year 1626, that three of Minuit's farm-hands murdered a Weckquaesgeek Indian, who was bringing his furs down to sell. His young nephew escaped, and afterwards led the Indians in disastrous and vengeful forays on the colony. Knox's American infantry marched into the Fresh-water Pond, and sat here



Park Avenue, north from Sixty-sixth Street.

in the long grass, while the British army were evacuating New York, in 1783. Here, in 1796, occurred the first trial of a steamboat with a screw-propeller, John Fitch's invention.

Another noted prison, located near Essex Market and Grand Street, is Ludlow Street Jail, a massive brick structure used for the incarceration of debtors, United States prisoners and derelict militia-men. Among its "guests" have been Tweed, Connolly, Fish, Ward, Jacob Sharp, and other notorious politicians and financiers of New York. Another prison is a picturesquely irregular pile, at the corner of Sixth Avenue and Tenth Street, built of brick and sandstone, and in the Lombardo-gothic style of architecture. This is the Jefferson Market Court and prison.

THE BOWERY.

The Bowery, to which reference has been several times made, is a thoroughfare with characteristics peculiarly its own. In it is probably represented every civilized nation on the globe, and it is unquestionably a democratic street. It is the antithesis of Broadway, and the grand avenue of the respectable lower classes. The two highways are nearly parallel and but a short distance apart, but the constituencies of the two streets are separated by vast ethical spaces. Here retail stores, beer-saloons, pawn-shops, dime-museums, theatres, etc., crowd upon each other, and an incessant multitude streams along the encumbered sidewalks. The German language seems to predominate, appearing on hundreds of sign-boards and coming from thousands of lips. The Bowery takes its name from the "Bouwerie Farm" of Petrus Stuyvesant, Governor and Captain-general of New Netherlands from 1647 until 1664. Stuyvesant's country estate covered all this part of the city, and was dominated by a great and commodious mansion of old Netherlandish architecture. His house was built of small yellow bricks, imported from Holland, and many white workmen and negro slaves were employed in his gardens and fields. His city and official mansion was Whitehall, near the Battery, a handsome structure of hewn stone, surrounded by velvety lawns and beautiful gardens. When dead, Stuyvesant was interred in the family vault in a little church upon his farm; and a hundred and thirty years later the now venerable Episcopal Church of St. Mark was erected upon the spot. St. Mark's is near the head of the Bowery, and contains also the tombs of Colonel Slaughter, British Governor of New York in 1691, and Daniel D. Tompkins, governor of the State from 1807 to 1817. A prominent feature of the Bowery is its beer-gardens, on the plan of those in the large German cities, and they are patronized by the same class and race. While always crowded and full of life, the Bowery presents itself in all its "glory" on a Saturday night, when wage-earners have a little spare time to themselves, and are abroad with a week's earnings in their pockets. King Beer holds high carnival. Beer-saloons and gardens are almost as closely packed as sardines in a tin box. Each saloon is extravagant in its offers of a free lunch to all its patrons, and the lunch is in each case attacked by a perspiring and not particular throng. Ten men to one fork! The red herring, so conducive to thirst, is not popular, the tripe having evidently borne the brunt of attack. The cheese has suffered greatly, too, and looks as though it wished itself dead, which it isn't. Then, out on the sidewalks hoodlums abound; and not only hoodlums of the sterner sex, but hoodlums of the gentle and amiable type of humanity—female hoodlums, from thirteen to sixteen years of age, short of dress, long of tongue, with bangs, bold eyes, tremendous hats, and "Mikado tuck-ups" to their hair. The street swarms with them, and they seem to "know it all." Not wholly bad, perhaps, but on the road to being so. They are in quest of excitement, aching for attention, dying for a dance, hungering for admiration, and ready to go any length for a compliment. How near akin are vanity and vice! On every hand are lung-testers, vendors of candy, buttons, suspenders, pop-corn; and here and there, on hand-carts, "bankrupt stocks" of large wholesale houses, purchased at small cost, are displayed and offered at "ruinous sacrifices." The theatres and dime-museums are ablaze with light and crowded with tobacco- and gum-chewers; the stores are filled to overflowing with bargains; and every corner is buttressed by live statues, many of whom would sooner fight than eat, while others have a greater longing for eating than for a bout at fisticuffs. Dickens describes this region of New York very graphically in the sixth chapter of his "American Notes;" but great improvements have certainly been made since he wrote, and sanguinary battles between rival aggregations of ruffians are of less frequent occurrence in the Bowery than of yore.

FLATS, OR APARTMENT-HOUSES.

While the majority of the families—the poor—of the city are forced by circumstances to house themselves in tenements, many who are rich betake themselves by choice to flats, or apartment-houses, where each apartment is complete in itself, containing all the rooms requisite for housekeeping. The cost of supporting a flat may not be so great as that of maintaining a five-story brownstone-front house on Fifth Avenue, but life in a fashionable flat is pretty expensive, for the rent of an apartment of the

better class ranges from \$1000 to \$7000 per year, according to size and location. The buildings are provided with elevators, hall-boys, electric lights, and in many cases are fire-proof. The expensive apartments are elegantly fitted up with hard-woods and inlaid floors, frescoes, etc., and contain from seven to twenty-five rooms each. One of the differences between "flats" and "apartment-houses" is that the former have kitchens, equipped for housekeeping; while the latter have restaurants where the occupants get their meals. One of the largest of these apartment-houses we give an illustration of. This is the Osborne, at the corner of Seventh Avenue and Fifty-seventh Street. It is 11 stories (171 feet) high, of rock-faced Connecticut brown-stone, fire-proof, with floors and roof of iron, brick, and concrete, all rooms finished in mahogany or ash, electric lights, steam heat, Tiffany stained-glass, etc. The main entrance is said to be the finest in New York, with heavy oaken doors, rare marbles, mosaic, frescos, and stained-glass. The Central Park Apartment-houses on Fifty-ninth Street, near Seventh Avenue, form the largest flat-hotel in the world, including several huge fire-proof buildings—the Madrid, Cordova, Granada, Lisbon—comprehended in one plan, and magnificent in all their appointments. The whole structure is best known as the "Navarro Flats," and is said to have cost upwards of \$7,000,000. The Dakota, at Eighth Avenue and Seventy-second Street, is another vast and costly structure, 155 feet high, and gorgeous in all its details. It is called the finest in New York. The rent of an apartment runs as high as \$7000 a year. It was built by Clark, of Singer Sewing-machine fame.

FIFTH AVENUE.

Fifth Avenue has a reputation as wide as the civilized world for the richness of its residences, and as the centre of American fashionable life. The avenue begins at Washington Square and runs in a straight line up to Fifty-ninth Street, thence along the east side of Central Park, and to Mount Morris at One Hundred and Twentieth Street, which breaks its contiguity. It begins again at One Hundred and Twenty-fourth Street, and runs to the Harlem River. The park at Washington Square is nine acres in extent, and occupies the site of the old Potter's Field, wherein more than 100,000 human bodies are buried. On its east side is the white-stone gothic building of the University of the City of New York, with 800 students and 64 instructors. It is described by Theodore Winthrop in his brilliant novel of "Cecil Dreeme." On and near the square dwell Charles De Kay, the poet; the famous saltatory Kiralfy family; Augustus St. Gaudens, the sculptor; the De Navarro families; Walter Shirlaw; Gaston L. Feuardent, the antiquary; and other notable persons. The park is divided into two parts, being crossed by a roadway connecting Fifth Avenue with South Fifth Avenue. It is a picturesque and attractive resort from its surroundings, though the current of fashion has long since passed northward. On its east side the New York University Building lifts its castellated bastions and turrets, like some old mediæval donjon, and lends a peculiar aspect of old-fashioned quaintness to the scene. The curious observer of human nature can find in this square a wonderful field for pursuing his favorite study, as all grades of poverty and shiftlessness are well represented. The park is also a favorite playground for children, and their bright faces and active little figures lend a cheery look to what might otherwise be the too grim forlornness of the tramp and idler. The north side of Washington Square is peculiarly impressive and interesting, from the style of the residences, many of which are still inhabited by affluent old families too conservative and too much in love



Metropolitan Opera House.

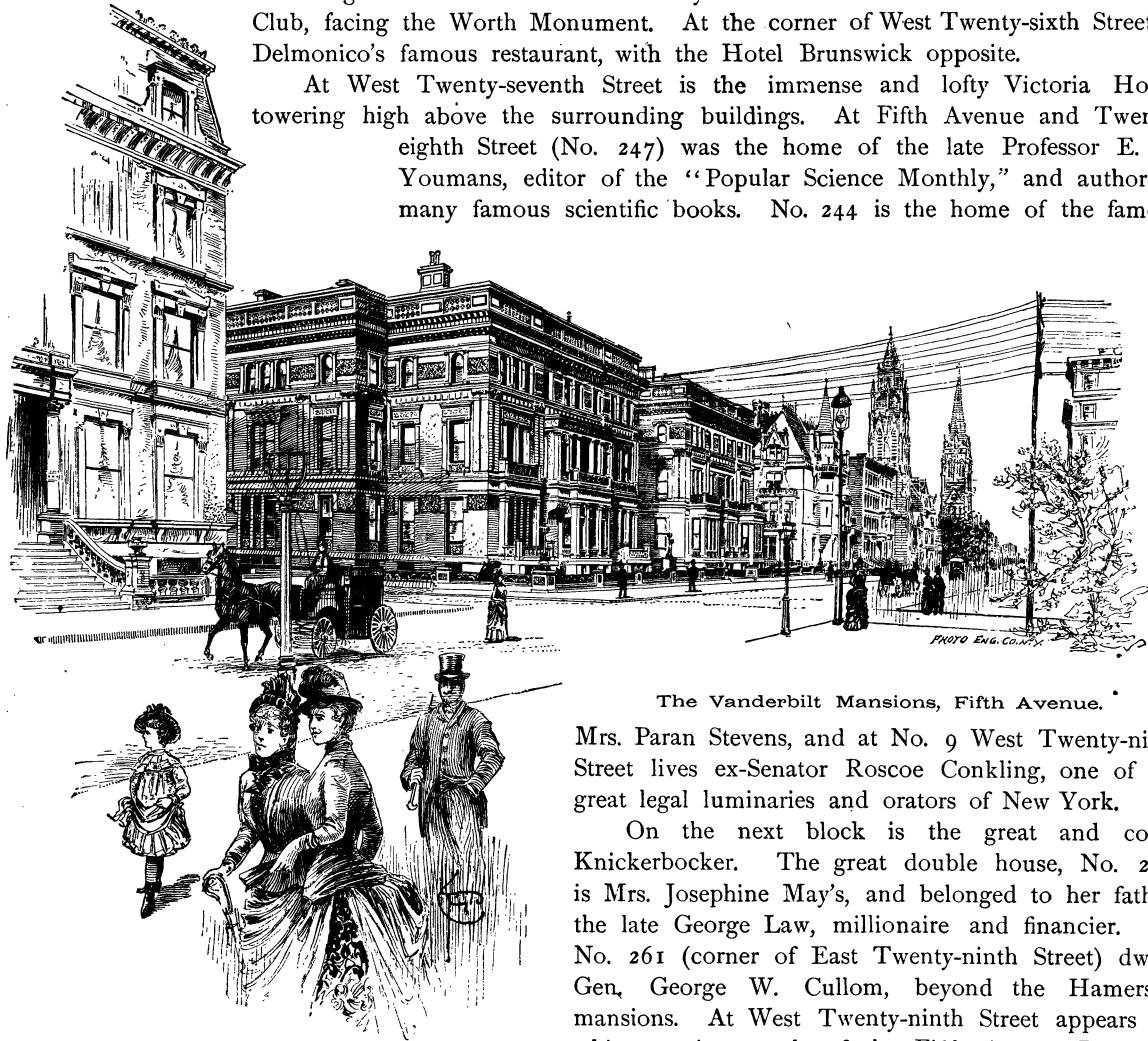
with past associations, and with the beauty of the location, to yield to the behests of fashion. The houses are of red brick with white-marble trimmings and marble stoops, and have a peculiarly bright and refreshing aspect. The wealth and social pride of New York have had their strongholds at the Battery, Bowling Green, East Broadway, Bond and Bleecker streets, Union Square, and Washington Square, respectively. Now Fifth Avenue is the successor, and where the next grand concentration of the aristocracy of money will be it is not easy to foretell, but it promises to be more and more northward.

Probably there is not another street in the world wherein are more exquisite collections of those trifles of art and taste which bespeak a high order of cultivation than Fifth Avenue. The avenue is the Belgravia of the American metropolis, the centre of its fashion and splendor, the home of its merchant princes. It is at its best on a pleasant Sunday at the time when the churches are out; or on a bright afternoon, when its long lines of carriages are rumbling away toward the park. From Washington Square to Central Park, a distance of two miles and a half, it presents an unbroken array of splendid dwellings and noble churches, except here and there in its lower portion, where business establishments which deal, for example, in musical instruments, pictures, jewelry, and articles of a costly and ornamental nature, have encroached on its fashionable private character. Many of the structures in this long line of costly domiciles possess marked beauty of architectural design, and all are built in fine, massive blocks, and chiefly of brown-stone. Here, indeed, on every side are gorgeous club-houses, churches notable for their beauty and a domestic architecture of rare variety and comfort, with picture-galleries and rich porticos, and long vistas of Connecticut brown-stone palaces, the homes of incalculable wealth and splendor. In spite of the uniformity of appearance, which comes of a general use of the same building material, and a similar style of structure, sufficient variety and character are given the thoroughfare by numerous magnificent church edifices and the few hotels and private dwellings of a different style of architecture to relieve the sombre and massive dignity which would otherwise stamp the aspect of the street. To describe in detail the many objects of interest to be seen on this avenue would require more space than we have at command. It has been appropriately said that an inquisitive visitor should, on taking a stroll up Fifth Avenue, be accompanied by a herald king-at-arms, a mercantile register, an *élite* directory, and a wise old club-man with his stores of personal and family gossip. The author of a recent publication, "How to Know New York," made a tour of inspection through the avenue, and thus he tells who are residing and what is to be seen on this always attractive thoroughfare:

At No. 1, the first house on the right, as the avenue leaves Washington Square, lives William Butler Duncan, and on the other side, at Nos. 6 and 8, are the Lisenard Stewarts and John Taylor Johnston, the famous art-connoisseurs. Beyond Clinton Place is the aristocratic Brevoort House, a favorite with English tourists; and opposite is the Hotel Berkeley, where Theodore Thomas and many others dwell. Beyond Ninth Street, at No. 23, lives Gen. Daniel E. Sickles. At Tenth Street is the brown-stone Church of the Ascension (Episcopal), with the Grosvenor opposite. The First Presbyterian Church comes next, with the Minturn and Talbot mansions beyond. At Fourteenth Street we see the busy precincts of Union Square to the right, and traverse a region of brilliant shops. On the left-hand corner of Fifteenth Street is the great and finely-appointed brown-stone building of the Manhattan Club, the favorite resort of the patricians of the Democratic party, called by their round-headed fellow-partisans "the swallow-tails." It has 1000 members; and the entrance-fee is \$100, with \$70 yearly dues. Near by, at 109 East Fifteenth Street, is the house of the famous Century Association, a literary, artistic, and æsthetic club, with 600 members, a large library, and a picture-gallery. In this same neighborhood, on West Fifteenth Street, are the spacious buildings of the College of St. Francis Xavier, with nearly 500 students, in charge of the Jesuit Fathers, and a library of 20,000 volumes. On this same street is the tall New York Hospital, chartered by King George III. in 1771. At the farther right corner of Sixteenth Street is the mansion of Levi P. Morton (No. 85), and Col. Robert G. Ingersoll, at No. 89. At No. 103 is the home of Edwards Pierrepont, long minister to England. At No. 118 live the New York Winthrops. At Eighteenth Street is the rich and ornate Chickering Hall, devoted to musical entertainments; and opposite, at No. 109, is August Belmont's estate, where also dwells the Hon. Perry Belmont, a well-known Congressman. On the opposite corner, at No. 107, is the mansion of Mrs. Marshall O. Roberts, one of the grand dames of New York society. On the Twenty-first Street corner is the great brown-stone building of the patrician Union Club, founded in 1836, and with over 1000 members. The entrance-fee is \$300, and yearly dues \$75. Clarence A. Seward, the

gifted son of William H. Seward, lives at No. 143. At No. 147 (corner of East Twenty-first Street) is the Lotos Club's comfortable brown-stone building, with 500 members, where famous monthly art-receptions and ladies' days are held. Here dwells the veteran world-traveller, Col. Thomas W. Knox. Next door is the Glenham Hotel. In this vicinity stands the South Reformed Church (corner of West Twenty-first Street), and the Cumberland is between East Twenty-second and East Twenty-third streets. Now the avenue cuts obliquely across Broadway, with the brilliant vistas of Madison Square on the right, passing the enormous white-marble Fifth Avenue Hotel, the home of Gen. W. T. Sherman, ex-Senator Platt, William J. Florence, and other notable persons. On the next block is the Hoffman House, famous for its interior decorations and magnificent bar-room. At Twenty-fifth Street is the fashionable New York Club, facing the Worth Monument. At the corner of West Twenty-sixth Street is Delmonico's famous restaurant, with the Hotel Brunswick opposite.

At West Twenty-seventh Street is the immense and lofty Victoria Hotel, towering high above the surrounding buildings. At Fifth Avenue and Twenty-eighth Street (No. 247) was the home of the late Professor E. L. Youmans, editor of the "Popular Science Monthly," and author of many famous scientific books. No. 244 is the home of the famous



The Vanderbilt Mansions, Fifth Avenue.

Mrs. Paran Stevens, and at No. 9 West Twenty-ninth Street lives ex-Senator Roscoe Conkling, one of the great legal luminaries and orators of New York.

On the next block is the great and costly Knickerbocker. The great double house, No. 259, is Mrs. Josephine May's, and belonged to her father, the late George Law, millionaire and financier. At No. 261 (corner of East Twenty-ninth Street) dwells Gen. George W. Cullom, beyond the Hamersley mansions. At West Twenty-ninth Street appears the white granite temple of the Fifth Avenue Reformed

Church; and a little way to the right (on Twenty-ninth Street) is the picturesque Church of the Transfiguration (Episcopal), generally and affectionately known as "The Little Church around the Corner," wherefrom many actors have been buried. The bit of green lawn, overarching trees, and mantling of ivy, make this a charming oasis in the surrounding desert of brick and stone. It is regarded with peculiar affection by many persons who consider the average church as quite alien to their lives and tastes.

The towering Gilsey House rises to the left, on West Thirtieth Street. At No. 319 (corner of East Thirty-second Street) stands the new house of the exclusive Knickerbocker Club, which includes many well-known devotees of coaching and polo. Its entrance fee is \$300, annual dues \$100. Between West Thirty-second and West Thirty-third streets (Nos. 338 and 350) are the huge brick

mansions of the hundred-millionaire brothers—John Jacob Astor and William Astor—with a high-walled garden between. On the next corner, at No. 374, is the town-house of Mrs. J. Coleman Drayton, one of the Astor daughters. At the corner of West Thirty-fourth Street is the great Italian palace of white marble, erected at a cost of \$2,000,000 by the late A. T. Stewart, a Belfast lad, who came to America in 1818, and began life in New York as an assistant teacher, then opened a small shop for trimmings, and in time became the most successful merchant in the world, so that when he died (in 1876), he left \$40,000,000. Mrs. Stewart lived here until her death, in 1886. Alongside the Stewart place, the only other house on the block, is the great old Astor mansion, which, after a strangely checkered career, has just been leased by the New York Club, to be dedicated to their joyous uses.

Between West Thirty-fifth Street and West Thirty-sixth Street live the Kernochans (No. 384), and Gen. Daniel Butterfield (No. 386); and at No. 389 (between East Thirty-sixth and Thirty-seventh streets) is Pierre Lorillard's home. The fashionable Christ Church (Episcopal), famous for its fine music and beautiful frescos, is on the corner of West Thirty-fifth Street; and the Brick Church (Presbyterian) rises at the corner of West Thirty-seventh Street. At the old home of Gov. E. D. Morgan, No. 415 (between East Thirty-seventh and Thirty-eighth streets), is the St. Nicholas Club, composed exclusively of gentlemen of the oldest Knickerbocker families—the Remsens, De Peysters, Rhinelanders, Roosevelts, etc. At No. 425 (beyond East Thirty-eighth Street) is the home of Austin Corbin, the railway king; at No. 429 that of Henry Bergh, the friend of suffering animals; at No. 459 (beyond East Thirty-ninth Street) that of Frederick W. Vanderbilt.

The lofty and quaint Union League Club-house is at the corner of Fifth Avenue and East Thirty-ninth Street, with its conspicuous gables and huge roof. From West Fortieth to Forty-second Street extends the distributing reservoir of the Croton Water-works, crowning the summit of Murray Hill, 115 feet above tide-water, covering four acres, and holding 23,000,000 gallons of water. It is a massive structure in Egyptian architecture, 44 feet high and 420 feet square. Back of it is the pleasant Bryant Park, on which the famous Crystal Palace stood, thirty years or more ago. Opposite, on Fifth Avenue, are the tall art-furniture buildings of Pottier & Stymus, the massive American Safe-deposit Building, and a few quaint dwellings, the remnants of the old-time block of yellow gothic houses (one of them still occupied by Mrs. Lucian B. Chase), in part of which was the famous Rutgers Female College. Next the avenue crosses Forty-second Street, which runs to the left to the Weehawken Ferry, and to the right to the Grand Central Depot and the Grand Union Hotel.

On the left corner of Fifth Avenue and Forty-second Street is the lofty stone Hotel Bristol, with Russell Sage's house next door (No. 406), and opposite is the Hamilton. At the corner of East Forty-third Street is the Temple Emanu-El, the great Hebrew synagogue, perhaps the richest piece of Saracenic architecture in America, with its minaret-like towers, delicate carvings, Oriental arches, and a dazzlingly brilliant interior. In the next block is the Sherwood, the home of the Rev. G. H. Hepworth, and other well-known persons. Opposite, at 524, is the headquarters of the Manhattan Athletic Club, with its luxurious rooms and finely-equipped gymnasium. At No. 532 is Manton Marble's house, and No. 549 is Thomas T. Eckert's home. The Universalist Church of the Divine Paternity, so long ministered to by Dr. Chapin, stands at the corner of West Forty-fifth Street. A little way to the right, on East Forty-fifth Street, are the homes of the famous broker, Washington E. Conner (No. 14), and of the eloquent Chauncey M. Depew, president of the New York Central Railroad (No. 22), and one of the best after-dinner speakers in America. At No. 2 East Forty-sixth Street is the mansion of Seligman, the well-known financier. Nearly opposite the Universalist Church is the narrow and richly-carved façade of the Episcopal Church of the Heavenly Rest, whose interior is rich in polished granite pillars, with quaintly-carved capitals, frescos after Fra Angelico, and other beautiful adornments. The great Windsor Hotel extends from East Forty-sixth to East Forty-seventh Street, and is the home of Andrew Carnegie and many other noted men. Opposite, at No. 562, dwells Joseph W. Harper, Jr., of the famous publishing-house; and at No. 574 are the rooms of the American Yacht Club, famous for its navy of costly steam-yachts. On the corner beyond the Windsor, at No. 579, in a large brown-stone house, with lanterns in front, lives Jay Gould, the Napoleon of finance; and at the other end of the block,

with carved-stone griffins in front, is the home of Robert Goelet. The Goelet estate is above \$20,000,000. At No. 50 West Forty-seventh Street lives Joseph H. Choate, lawyer and orator, and one of the greatest after-dinner speakers of this age. At West Forty-eighth Street is the ornate and high-spired Collegiate Dutch Church, with its flying buttresses, carved portals, and general richness of detail; and the second house beyond (No. 608) pertains to Ogden Goelet. At the corner of East Forty-eighth Street (No. 597) is the home of Roswell P. Flower, eminent in latter-day politics. The next block, from East Forty-ninth to Fiftieth Street, is taken up largely by the great Buckingham Hotel, a quiet and expensive family hotel; and at No. 615 lives Edward S. Jaffray, the dry-goods merchant. Opposite, at No. 624, is the house of the late John Roach, the great ship-builder.

At the corner of Fiftieth Street rises the vast Cathedral of St. Patrick, described elsewhere.

At No. 634, opposite the Cathedral, is the home of D. O. Mills, ex-Senator from California, and father-in-law of Whitelaw Reid, of the "Tribune." Back of the Cathedral is the Florentine palace built by Henry Villard, alongside of Columbia College. Beyond the Cathedral, on Fifth Avenue, is the Roman Catholic Orphan Asylum for Boys, on high ground, with the Asylum for Orphan Girls behind it. Between West Fifty-first and Fifty-second streets are the magnificent brown-stone palaces of the Vanderbilt family, enriched



Central Park—The Deer-slayer.

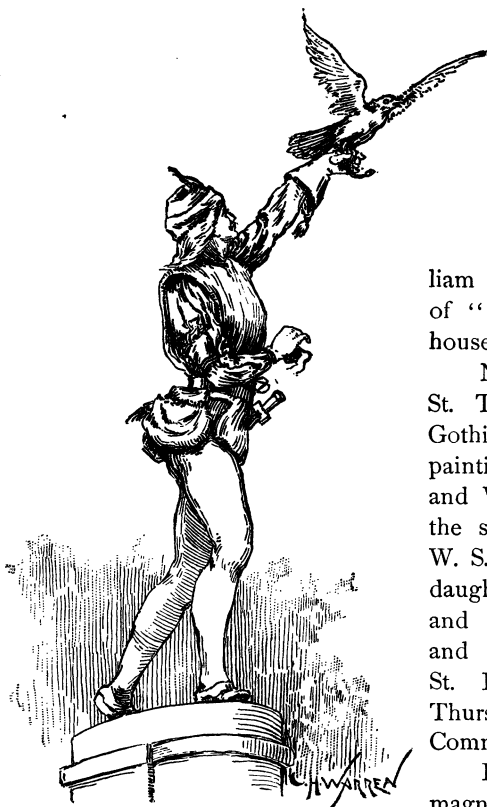
by broad bands of carved foliage, and superbly furnished and decorated inside. No. 640 is the home of Mrs. William H. Vanderbilt, and No. 642 is the home of her daughter, Mrs. William D. Sloane.

Across West Fifty-second Street rises the handsome white stone French *château* of Wil-

liam K. Vanderbilt, rich in carvings and oriel-windows. The author of "Recent Architecture in America" calls this "the most beautiful house in New York."

Next comes the beautiful and fashionable Episcopal Church of St. Thomas, famous for society weddings. It is a brown-stone Gothic structure, with a melodious chime of bells, and famous altar-paintings by LaFarge. Among its clergy have been Bishops Upfold and Whitehouse, and the Rev. Dr. F. L. Hawks. Just beyond, on the same square, are the picturesque connecting mansions of Dr. W. S. Webb and Hamilton McK. Twombly, who respectively married daughters of William H. Vanderbilt. Between East Fifty-second and Fifty-third streets is the Langham. Between West Fifty-fourth and Fifty-fifth streets are the spacious buildings and grounds of St. Luke's Hospital (open to visitors from 10 to 12, Tuesdays, Thursdays, and Saturdays), where Episcopal Sisters of the Holy Communion attend the sick, without regard to their sect or nation.

In this vicinity dwell several of the Standard Oil Company magnates,—Henry M. Flagler at No. 685, William Rockefeller at No. 689, etc.



Central Park—The Falconer.



Central Park—Beethoven.

At West Fifty-fifth Street is the great Presbyterian church under Dr. John Hall's administration, the largest church of that sect in the world, with a spire that is a landmark for a great distance. No. 724, just beyond West Fifty-sixth Street, is the home of R. Fulton Cutting,—a very handsome piece of domestic architecture. At the lower corner of West Fifty-seventh Street is the handsome house built and some time occupied by the famous Mrs. Frederick W. Stevens, the immensely wealthy heiress of Josiah Sampson, who deserted her husband after twenty years of married life, and in 1886 married the Marquis de Talleyrand-Périgord, in Paris. The house now belongs to Secretary of the Navy, Whitney. On the other corner of West Fifty-seventh Street is the superb mansion of Cornelius Vanderbilt.

A little way beyond is the beginning of Central Park, which forms one side of the avenue for over two miles and a half. The other side is being built up with noble mansions, and will at some future time be the most beautiful place of homes in America. At No. 810, corner of East Sixty-second Street, is the town-house of William Belden, a many-millionaire, who defeated Jay Gould in the famous Black Friday financial battle. Opposite East Sixty-fourth Street is the old Arsenal and Menagerie. Between East Sixty-sixth and Sixty-seventh streets is the group of houses in which dwell the Soto family (No. 854), and Mrs. de Barrios (No. 855), the widow of the famous Central American statesman, killed in battle a few years ago. No. 3 East Sixty-sixth Street was the home of the late Gen. Ulysses S. Grant, and his family still dwell there. At No. 871 is the mansion of Mrs. Robert L. Stuart. The splendid Lenox Library extends from East Seventieth Street to Seventy-first Street.

A little way to the right looms up the lofty, quaint, and picturesque gray house of Charles L. Tiffany, designed by McKim, Mead & White, with its mediæval portcullis, red marble Moorish stairway, teak-wood doors, blue-and-pearl dining-room, etc. Here also dwells the famous railway king, Henry Villard. The upper floor, under the great, dusky tiled roof, is a vast studio.

OTHER CENTRES OF WEALTH AND FASHION.

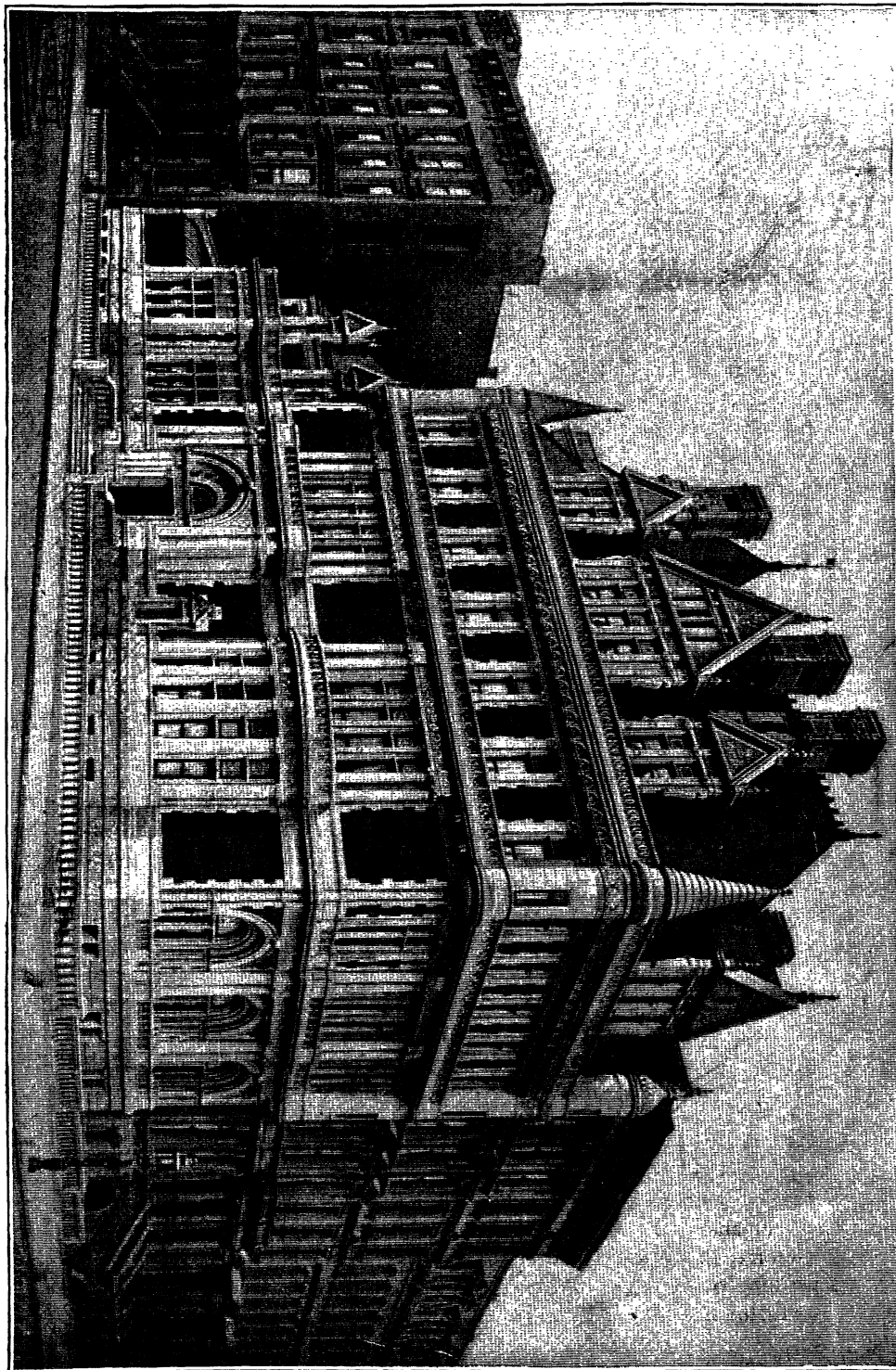
The Faubourg St. Germain of America is the region included between Lexington Avenue and Sixth Avenue, Madison Square and Central Park, a district about half a mile wide and a mile and a half long. Here dwell the Cræsus of New Amsterdam, the old patrician families, the less old aristocrats, the new rich—the descendants of the De Peysters and Livingstons, as well as the recently crowned petroleum and railway princes. Lexington Avenue, Madison Avenue, and some thirty-five streets adjoining, are crowded with the homes of the men who make their fortunes in the busy whirl towards Wall Street and the Battery. Enormous as the estates are which these homes represent, and costly as the buildings are, their external effect is not satisfactory. The houses are built in blocks with such a uniformity in material and frontage as to become monotonous and oppressive in aspect. Internally they are replete with every luxury and comfort. Many of the residents here own stately and emparked mansions on the bank of the Hudson, but prefer the joyous life of the city.

Stuyvesant Square, to which reference has already been made, is still an aristocratic residential quarter; it is located on a part of the old Stuyvesant farm, is four acres in extent, is between East Fifteenth and Seventeenth streets, and has the tall twin spires of St. George's Church overlooking it. In this square, which has beautiful lawns and trees with luxuriant foliage, and which is the local paradise for the residents in the tenement region on the East side, resides Hamilton Fish (ex-Secretary of State), Sidney Webster, Jackson S. Schultz, Russell Sturgis, Richard H. Stoddard (the poet), William H. Schieffelin, the Rutherfords, the Stuyvesants and other well-known persons. Gramercy Park, between Twentieth and Twenty-first streets and Third and Fourth avenues, and about one and a half acres in extent, is the abode of many old families—John Bigelow, Cyrus W. Field, David Dudley Field, Max Strakosch, and others. In this park resided the late Samuel J. Tilden. These and other

SQUARES AND PARKS

Are valuable "breathing-places" in the great city, and the authorities are happily alive to the wisdom of increasing their number as opportunities offer. That those which already exist are fully appreciated by the public is unquestionable, and the expense of maintaining these health-giving spots is cheerfully borne by

the tax-paying public. Wherever it is possible to introduce a little greenery into a "square" this has been done, but in some instances, as, for example, in Chatham Square, whatever of greensward may once



Residence of Cornelius Vanderbilt, Esq.

have existed the tread of men and horses has stamped out, and trees have had to make room for increasing traffic. Chatham Square is located at the junction of Park Row (formerly Chatham Street), East Broad-

way, and the Bowery. Here elevated and horse railways centre, and the locality is one that is always crowded. A century ago, the ground hereabouts was marsh land, and the owner of the marshes, Rutgers, declared they were so pestilent that "the inhabitants lose one third of their time by sickness." Hanover Square, located at the corner of Pearl and William streets, has undergone a like transformation in the interests of trade and traffic. It now has an elevated-railroad station, and is the centre of the wholesale cotton trade in America. The old Cotton Exchange is located on one side of the square, and on the opposite side is the imposing new Cotton Exchange. Here, a century or so ago, were the abodes of the Hoffmans, Beekmans, Hamersleys, Gouverneurs, Van Hornes, etc.; and here Admiral Digby entertained Prince William Henry, afterwards William IV. of England. In the first few years of the present century several noted French refugees resided hereabouts. Among these were De Neuville, La Rue, De Rivière, and others; and the famous General Moreau, sometime commander of the Army of the Rhine and Moselle. He was banished by Napoleon. Moreau, after residing here for several years, joined the allied armies in Europe, and was killed at the battle of Dresden by a cannon-shot, aimed by Napoleon himself. Jeannette Park, near this square, has recently been made by filling up the ancient Coenties Slip.

Franklin Square used to be a mound between the "Swamp" and the East River. It is now roofed over by the elevated-railway trestles, and has the Brooklyn Bridge on one side and the Harpers' publishing house on the other. Walter Franklin, a Russian merchant, erected a palace on Cherry Street and Franklin Square. This became the presidential mansion, in which Washington held his court and gave his brilliant receptions. Printing-house Square, Union Square, Washington Square, Madison Square, and Stuyvesant Square we have alluded to elsewhere.

Tompkins Square, covering ten acres of lawn and greenery, between East Seventh and Tenth streets, and Avenues A and B, and surrounded by one of the most overcrowded tenement regions of the East side, is one of the most appreciated breathing-places in the city.

Mount Morris Square encloses a bold rocky hill in the environs of Harlem. It is well stocked with oaks, maples, tulip trees, etc., and near the fire-alarm tower, on the crest of the hill, is a fine plaza, from which vantage-ground a charming view is obtained.

A pleasant open space, between Fortieth and Forty-second streets, and Sixth Avenue and the Reservoir, is Bryant Park, which received its present name in 1884 in honor of the late William Cullen Bryant. It is a favorite resort for West-side juveniles. The world-renowned Crystal Palace of ante-bellum days occupied this site. We give a view of this renowned building.

Another of the popular minor parks is the Morningside Park, near Tenth Avenue, and extending from One Hundred and Tenth Street to One Hundred and Twenty-third Street. This is 47 acres in extent, and is mostly unimproved, though it contains a costly and far-viewing driveway. It lies on the east or morning side of the ridge which separates Harlem Plains from the Hudson River and Riverside Park.

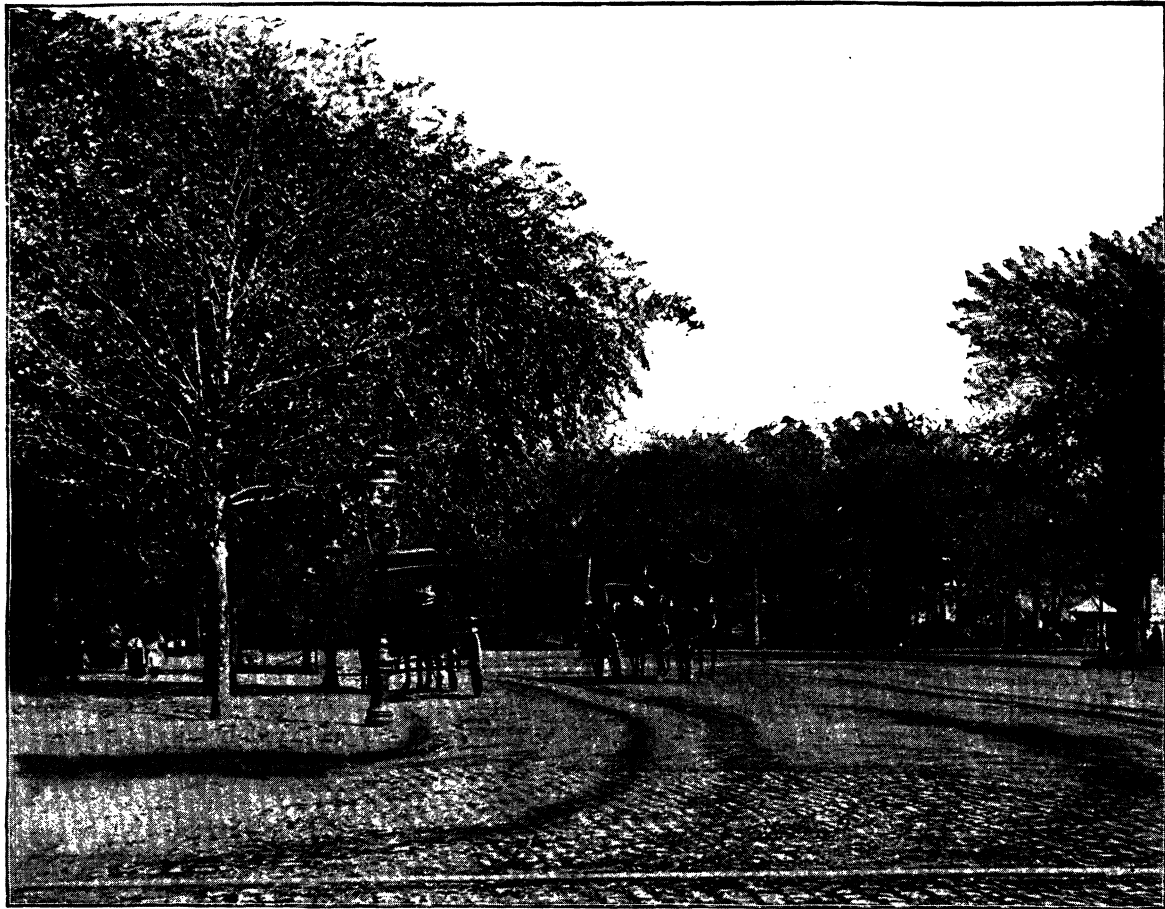
Riverside Park, of which we give an illustration, is a charming place for a ramble or drive. The park is a narrow strip of land, occupying the high bank of the Hudson, and between the Hudson and Riverside Avenue. It extends from Seventy-second to One Hundred and Thirtieth streets, is three miles long, and averages 500 feet wide. The area is about 178 acres, only a portion of which has been laid out in walks and drives, while the rest still retains the wild picturesqueness of nature. A magnificent driveway, cut into four broad sections by curving ribbons of lawns and trees, sweeps over the hills and along the edge of the bluff, affording very charming views of the Hudson River, Weehawken, Guttenberg, Edgewater, the Palisades, and upper Manhattan. On a noble elevation near the north end of the park is the brick tomb in which Gen. Grant's body was temporarily laid, with imposing ceremonies, August 8, 1885. Through the latticed door can be seen the flower-laden receptacle in which the remains of the great hero are placed. Near the tomb is the old Claremont mansion, named after Lord Clare, a royal colonial governor. This district promises to become a fashionable residential quarter.

Jerome Park, laid out and beautified with trees, shrubbery, a club house, and other necessary buildings by Leonard W. Jerome, is the famous New York race-course. The park is held under a lease by the American Jockey Club, organized in 1866, and now the most prominent racing association in the country. The park is situated near Fordham, in the extreme northern suburb of the city. Races take place in June and October.

Central and other parks we have spoken of elsewhere. The East side is to become as rich as the West side in parks, the city having purchased three tracts of land, each of considerable area, in what is known as the "annexed district," and these are to be laid out in walks and recreation grounds.

ASYLUMS, HOSPITALS, HOMES, ETC.

In their increasing struggle for wealth, position, and pleasure, New Yorkers cannot be accused of being unmindful of the condition of those who, possessing few of this world's goods, are sick and in distress, for all over the city there are hospitals and dispensaries, where the sick and ailing are treated and cared for. The wards of the city authorities are sheltered and fed on Blackwell's, Ward's, and Randall's islands in the East River, and on Hart's Island in the Sound. Blackwell's Island is opposite the foot of East Forty-sixth Street, and is 120 acres in extent. Upon it are located the Almshouse, Female Lunatic Asylum, Penitentiary, Workhouse, Blind Asylum, Charity, Small-pox, and Typhus Fever hospitals, affording accommodation to about seven thousand persons. These immense battlemented buildings are constructed of granite, quarried



Entrance to Central Park, Fifth Avenue and Fifty-ninth Street.

on the island by convicts, and they are intersected by well-kept lawns, groves, and gardens. Ward's Island is located on the shore of Hell Gate, and on it stand the great Municipal Building, the insane and inebriate asylums, homes for children and invalid veteran soldiers, a house of refuge, and a hospital for immigrants, all surrounded by fine old trees, and on a generous area of 200 acres. There is accommodation here for 3000. Randall's Island, occupying 100 acres where the East River leaves Long Island Sound, has 2500 more unwilling inhabitants tenanted the great House of Refuge (for juvenile delinquents), the Idiot Asylum, and a group of schools, homes, and hospitals provided by the city for destitute children. On the mainland is the Roman Catholic Protectory, a long line of imposing gothic buildings, locally called the Houses of the Holy Angels, where 800 or more destitute or vicious Romanist children are continually under guard, while the boys are being instructed in better ways by the Christian Brothers, and the girls by the Sisters of Charity. Hart's

Island, off Pelham Neck in the Sound, is the site of city hospitals, lunatic asylum, industrial school, and Potter's Field, where 2000 pauper and unknown dead are yearly buried.

For those who are not the wards of the city, and who are sick or in distress, adequate provision is made through the channels of private charity. Even dumb animals are provided for, since there are two hospitals where poor people can take their sick horses and dogs and have them attended to free of charge by skilled and experienced veterinary surgeons. Hospitals abound on every hand where patients, if poor, are admitted free of cost; if able to pay, they are expected to pay reasonable charges. In many of the hospitals, for \$5000 a donor and his successors have the privilege of nominating the occupant of a bed for all time, and, as the bed bears the name of the donor, it is an enduring monument to his generosity to his less fortunate fellow-man. In addition to maintaining these charitable institutions, there are many benevolent societies for the care of the aged, orphaned, insane, blind, deaf and dumb, and indigent and friendless of every kind. We mention but a few of these commendable institutions, and for a full list must refer the reader to the City Directory:

New York Hospital (Fifteenth Street, near Fifth Avenue) is a great, many-balconied, brick building, with ornamental gothic gables. The institution was founded by the Earl of Dunmore, in 1771; and its ancient seat, between Duane and Church streets and Broadway, was vacated in 1870, the present building being opened in 1877. Ward-patients pay \$1 a day.

St. Luke's Hospital, at Fifth Avenue and Fifty-fourth Street, was founded in 1850 by the Rev. W. A. Muhlenberg, and has an oblong parallelogram of buildings, with wings, and a central chapel flanked with towers. It is attended by Episcopal nuns, and the form of worship is Episcopalian; but patients are received without regard to sect.

Orphan Asylum, at Riverside Park, was founded about 1807, in a small hired house below City Hall Park. Its property is now worth \$1,000,000, and 200 orphans are in its charge.

Mount Sinai Hospital, at Lexington Avenue and East Sixty-sixth Street, is a noble Elizabethan pile of brick and marble, admirably equipped, with nearly 200 free beds. It cost \$340,000, and was erected by Jewish New-Yorkers, but is non-sectarian.

Presbyterian Hospital, at Madison Avenue and East Seventieth Street, founded by James Lenox, who also established the magnificent Lenox Library, is a handsome gothic building, dating from 1872.

The New York Cancer Hospital (there is but one other in the world), is on Eighth Avenue, near One Hundred and Fifth Street. It was founded in 1884, with an endowment of \$200,000 from John Jacob Astor, \$50,000 from Mrs. Gen. Cullom, and \$25,000 each from Mrs. Astor, Mrs. R. L. Stuart, and Mrs. C. H. Rogers.

Old Ladies' Home, of the Baptist Church, on Sixty-eighth Street, near Fourth Avenue, is a spacious semi-gothic building in the form of the letter H.

Roosevelt Hospital, at Ninth Avenue and Fifty-ninth Street, richly endowed by the late James H. Roosevelt, is an admirably arranged and spacious pavilion hospital, opened in 1871, and accommodating 180 patients.

Bloomingdale Asylum for the Insane, at Boulevard and One Hundred and Seventeenth Street, on Washington Heights, is a palatial brown-stone building, erected mainly in 1821, amid charming grounds of 45 acres. Only paying patients are received.

Institution for the Deaf and Dumb, at Fanwood (One Hundred and Sixty-second Street), Washington Heights, is richly endowed, and has 37 acres of grounds. It was founded in 1816, and educates 250 pupils, the course being eight years. Open daily, 1.30 to 4 P. M.

Institution for the Blind, at Ninth Avenue and West Thirty-fourth Street, has a granite gothic building. It was founded in 1831. Blind children are educated here, in letters and useful arts. Open to visitors, 1 to 6 P. M. daily.

Among the other beneficent institutions of New York are:

Actors' Fund, 12 Union Square.

American Dramatic Fund, 1267 Broadway.

American Veterinary Hospital, 141 West Fifty-fourth Street.

Artists' Fund Society, 6 Astor Place.

Association for Befriending Children and Young Girls, 136 Second Avenue. Catholic, for 200 vagrants.

Association for the Improved Instruction of Deaf-Mutes, Lexington Avenue and Sixty-seventh Street.

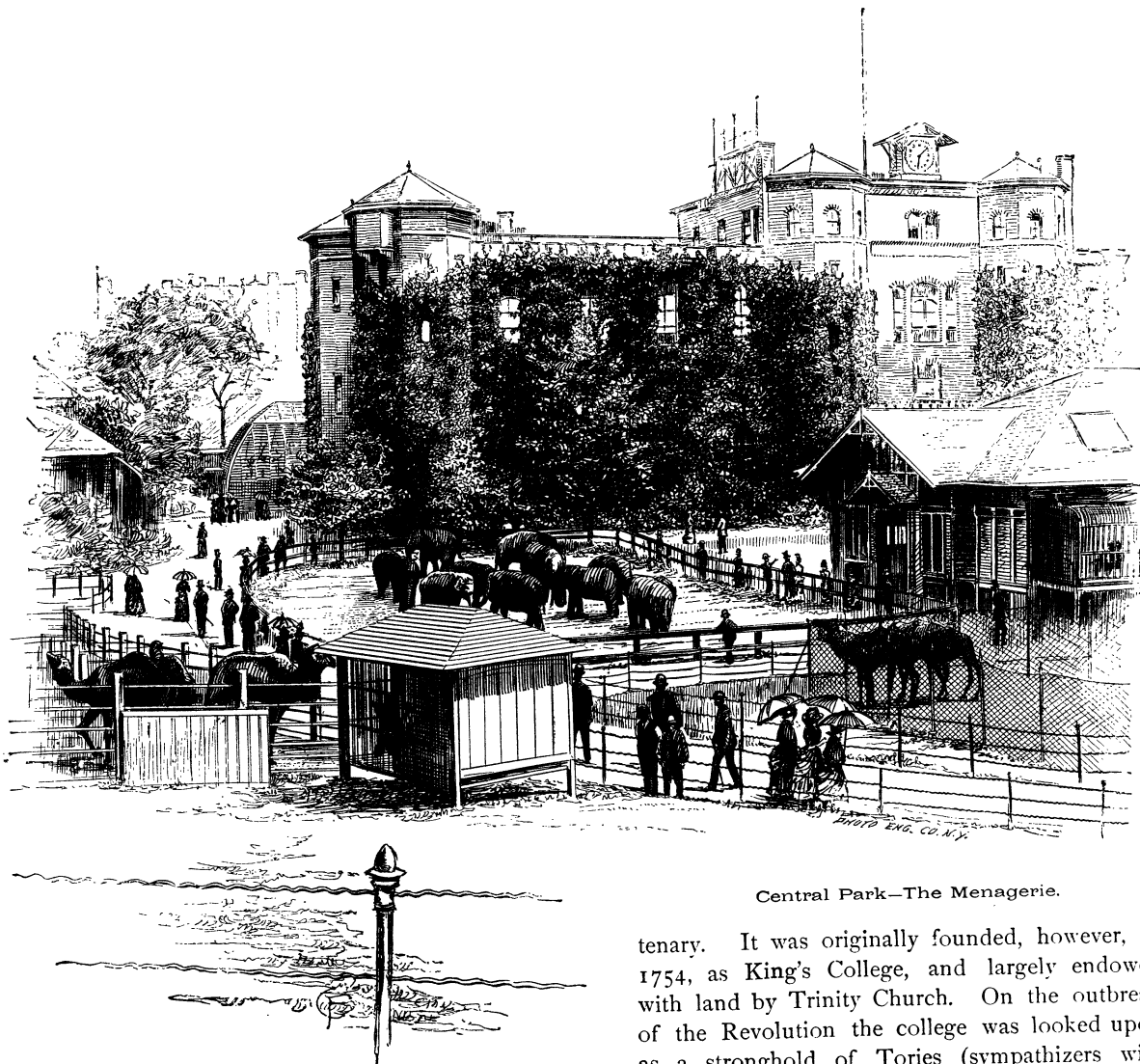
Association for the Relief of Respectable Aged Indigent

- Females, Tenth Avenue and One Hundred and Fourth Street. Founded 1814.
- Asylum for Lying-in Women, 139 Second Avenue. Founded 1823.
- Asylum of St. Vincent de Paul, 215 West Thirty-ninth Street. For 150 orphans.
- Baptist Home for Aged Persons, Fourth Avenue and Sixty-eighth Street.
- Bethany Institute for Woman's Christian Work, 69 Second Avenue.
- Bible and Fruit Mission, East Twenty-sixth Street.
- Bread and Beef House, 139 West Forty-eighth Street.
- Catholic Protectory, at Fordham.
- Chambers Street Hospital, 160 Chambers Street.
- Chapin Home for the Aged and Infirm, 151 East Sixty-sixth Street.
- Charity Organization Society, 21 University Place.
- Children's Aid Society, 24 St. Mark's Place.
- City Mission Society, 306 Mulberry Street.
- Colored Home and Hospital, First Avenue and Sixty-fifth Street.
- Colored Orphan Asylum, Tenth Avenue and One Hundred and Forty-third Street. 300 beneficiaries. Founded 1837.
- Day Nursery and Babies' Shelter, 143 West Twentieth Street.
- Emergency Hospital, 223 East Twenty-sixth Street.
- Female Assistance Society, 288 Madison Avenue.
- Five Points House of Industry, 155 Worth Street.
- Five Points Mission, 61 Park Street.
- Foundling Asylum, Sixty-eighth Street, near Third Avenue.
- Free Home for Destitute Young Girls, 47 West Eleventh Street.
- Friends' Employment Society, Rutherford Place.
- Grace Memorial House, 94 Fourth Avenue.
- Hahnemann Homœopathic Hospital, Fourth Avenue, near East Sixty-seventh Street.
- Harlem Hospital, 27 West One Hundred and Twenty-fourth Street.
- Hebrew Benevolent and Orphan Asylum Society, Tenth Avenue and West One Hundred and Thirty-sixth Street.
- Home for Aged Hebrews, One Hundred and Fifth Street, near Tenth Avenue.
- Home for Aged Men and Women, One Hundred and Sixth Street, near Ninth Avenue.
- Home for Colored Aged, foot of East Sixty-Fifth Street.
- Home for Convalescents, 433 East One Hundred and Eighteenth Street.
- Home for Deaf-Mutes, 220 East Thirteenth Street.
- Home for Fallen and Friendless Girls, 49 West Fourth Street.
- Home for Incurables, 54 West Eleventh Street.
- Home for Inebriates, Madison Avenue and Eighty-sixth Street.
- Home for Mothers and Infants, Tenth Avenue and West Sixty-first Street.
- Home for Old Men and Aged Couples, 487 Hudson Street.
- Home for Sailors, 190 Cherry Street.
- Home for the Aged Poor, 231 West Thirty-eighth Street, and 179 East Seventieth Street.
- Home for the Friendless, 32 East Thirtieth Street.
- Home for Women, 273 Water Street, 260 Greene Street.
- Home of Industry for Reformed Men, 40 East Houston Street.
- Hospital New York College of Veterinary Surgeons, East Fifty-eighth Street, near Fifth Avenue.
- Hospital for Ruptured and Crippled, Lexington Avenue and Forty-second Street.
- House of Industry, 120 West Sixteenth Street.
- House of Mercy, West Eighty-sixth Street.
- House of Rest for Consumptives, at Fordham.
- House of the Good Shepherd, East Eighty-ninth Street.
- Howard Mission, 56 Rivington Street.
- Infant Asylum, Tenth Avenue and East Sixty-first Street.
- Institution for the Blind, Ninth Avenue and Thirty-fourth Street.
- Institution for the Deaf and Dumb, Tenth Avenue and One Hundred and Sixty-second Street.
- Institution of Mercy, 33 East Houston Street.
- Juvenile Asylum, Tenth Avenue and One Hundred and Seventy-sixth Street.
- Ladies' Helping Hand Association, 160 West Twenty-ninth Street.
- Leake and Watts Orphan House, Ninth Avenue and One Hundred and Eleventh Street.
- Magdalen Asylum, Eighty-eighth Street, near Fifth Avenue.
- Manhattan Eye and Ear Hospital, 103 Park Avenue.
- Masonic Board of Relief, Masonic Temple.
- Medical Mission, 81 Roosevelt Street.
- Methodist Episcopal Home, 255 West Forty-second Street. For aged and infirm.
- Metropolitan Throat Hospital, 351 West Thirty-fourth Street.
- Midnight Mission, 260 Greene Street. For fallen women.
- New York Eye and Ear Infirmary, Second Avenue and Thirteenth Street.
- New York Infirmary for Women and Children, 5 Livingston Place.
- New York Ophthalmic Hospital, 201 East Twenty-third Street.
- Nursery and Child's Hospital, Lexington Avenue and Fifty-first Street.
- Olivet Helping Hand, 63 Second Street.
- Orphan Asylum (Catholic), Fifth Avenue and Madison Avenue, between Fifty-first and Fifty-second Streets. 1200 children.
- Orphans' Home (Episcopal), Forty-ninth Street, near Lexington Avenue.
- Peabody Home for Aged Women, West Farms.
- Presbyterian Home for Aged Women, Seventy-third Street, near Madison Avenue.
- St. Barnabas Home, 304 Mulberry Street.
- St. Elizabeth Hospital, 225 West Thirty-first Street.
- St. Francis Hospital, 605 Fifth Street.
- St. John's Guild, 8 University Place.
- St. Joseph's Orphan Asylum, Avenue A and Eighty-ninth Street.
- State Charities Aid Association, 21 University Place.
- Trinity Hospital, 50 Varick Street.
- Women's Christian Temperance Home, 440 East Fifty-seventh Street.
- Women's Hospital, Fourth Avenue and Forty-ninth Street.
- Young Women's Home, 27 Washington Square.

EDUCATIONAL FACILITIES.

The foremost city in the country in commerce, New York is also foremost in providing educational facilities for its "rising generation." Over 300 free public schools, with about 4000 teachers, and upwards of 300,000 scholars, are maintained at an annual cost of nearly \$4,000,000. Besides these there are scores of private and parochial schools. The law enjoins all children between the ages of eight and fourteen to attend school, and to hunt out absentees twelve truant officers are employed.

Columbia College is peculiarly a metropolitan institution, and on April 13, 1887, celebrated its cen-

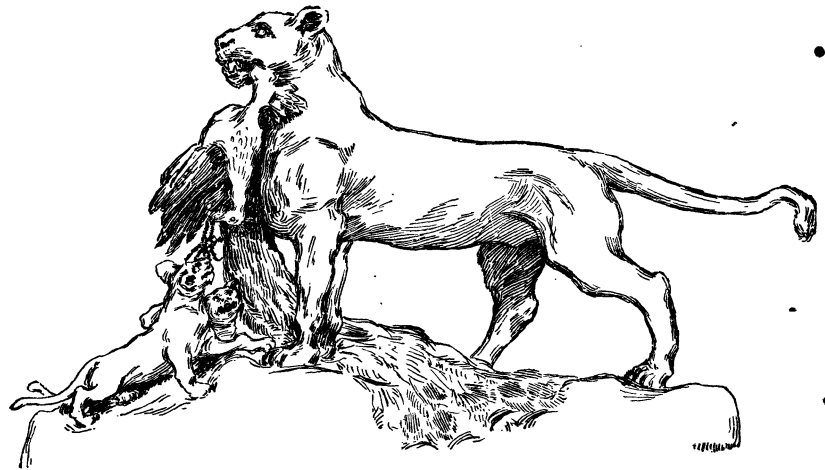


Central Park—The Menagerie.

tenary. It was originally founded, however, in 1754, as King's College, and largely endowed with land by Trinity Church. On the outbreak of the Revolution the college was looked upon as a stronghold of Tories (sympathizers with

the English), and its then president, Rev. Miles Cooper, an Oxford graduate, had to fly from the wrath of the citizens. He sought refuge in England, and the college buildings were afterwards used as barracks and military hospital by the American army. The college remained closed until 1787, when the charter was renewed by the legislature, but under its present name of Columbia College. For over a century the college buildings were on College Place, between Barclay and Chambers streets. It was squeezed out of this locality by the irresistible pressure of an incongruous business environment. It then took up its location on the square between Madison and Fourth avenues, and Forty-ninth and Fiftieth streets, where it has a permanent seat. The college, with its group of

irregular brick buildings, has gradually developed into a university which New York has reason to be proud of, and which has an assured life of growing importance. It is the city's principal educational institution, and its alumni include many prominent men. The institution has no dormitories. The chief buildings are the School of Mines, along Fiftieth Street (four-years' course; founded in 1864), and which has since gained world-wide fame; the School of Arts, along Madison Avenue (four-years' course; fee, \$150 a year; 274 students); the Law School, founded in 1858, and probably the leading one in America (two-years' course; \$150 a year; 397 students); and the Library (Melvil Dewey, librarian), a handsome building, containing 70,000 volumes (open from 8 A.M. to 10 P.M.) in a hall 113 by 75 feet, and 58 feet high. The School of Political Science, opened in 1880 (three-years' course; fee, \$150), is in the School of Arts building; the School of Medicine is the College of Physicians and Surgeons, at Fourth Avenue and Twenty-third Street. The college has in all 1600 students. Frederick A. P. Barnard is president. Among its professors are Henry Drisler, H. H. Boyesen, C. F. Chandler, J. S. Newberry, John D. Quackenbos, William R. Ware, and J. Ordranax. Among its early students were John Jay, Alexander Hamilton, Robert R. Livingston, and Gouverneur Morris. The woman's department now contains nineteen students. The ancient building with old-fashioned columned portico, in the centre of the college group, was once the Deaf and Dumb Asylum, and was bought by the college about thirty years ago, as a nucleus for its new establishment. The College of Physicians and Surgeons in connection with this institution ranks first in the nation. A new college building is being erected near Ninth and Tenth avenues and Fifty-ninth and Sixtieth streets, through the munificence of the Vanderbilt family. In 1885 the late W. H. Vanderbilt gave for this purpose \$500,000. His four sons afterwards gave \$250,000 for the establishment of a free clinic and dispensary, and his daughter, Mrs. William D. Sloane, gave \$250,000 to found the Sloane Maternity Hospital. The new building for the College of Physicians and Surgeons is to be completed in 1888. The college has 600 students and 20 professors.



Central Park—Lioness and Cubs.

The Bellevue-Hospital Medical College was founded in 1861, and has 500 students and a high reputation. It is on the grounds of Bellevue Hospital.

The University of the City of New York dates its origin in 1830. The classical, scientific, and law departments are located in a Gothic building on Washington Street, and are free. The medical school is near Bellevue Hospital. The university has 65 instructors and 800 students.

On Lexington Avenue and Twenty-third Street is the College of the City of New York, comprising spacious brick buildings, which contain a library of 40,000 volumes. It was founded in 1847 as the New York Free Academy, and in 1866 was raised to the rank of college. The city expends \$140,000 a year upon this institution, which is free to boys living in New York. It has 230 classical students and 330 scientific students, and 36 instructors.

Normal College, on East Sixty-ninth Street, near Lexington Avenue, is an ecclesiastical-looking building, with 30 recitation-rooms, lecture-halls, libraries, gymnasia, etc., where 1600 girls are educated to be school-teachers. The building cost nearly \$500,000, and its annual expense to the city is \$100,000.

The Christian Brothers have nearly a score of great schools in the city, including Manhattan College, at Manhattanville; the Cathedral School, in Fiftieth Street, with 800 pupils; the Immaculate-

Conception School, in East Fourteenth Street; the De la Salle Institute, at No. 48 Second Street; and the new Catholic high-school, established in the old Charlier Institute.

The College of Pharmacy, at No. 209 East Twenty-third Street, has 5 professors, 300 students, and a two-years' course.

The General Theological Seminary of the Protestant Episcopal Church is situated between Ninth and Tenth avenues and Twentieth and Twenty-first streets. It was founded in 1819, and has 6 professors and 100 students, a three-years' course, a library of 20,000 volumes, and a group of fine buildings.

The Union Theological Seminary of the Presbyterian Church was founded in 1836, and comprises a group of prominent new buildings on Lenox Hill, on Park Avenue, between Sixty-ninth and Seventieth streets. Its library contains 50,000 volumes, and as many pamphlets, including many rare old books. Dr. Philip Schaff is the president. The property of the seminary is valued at \$2,000,000. The Chaldaic, Arabic, and Assyrian languages are taught here.

United States Medical College, eclectic, is at No. 9 West Twelfth Street.

St. John's College (Jesuit) is at Fordham, and has 200 students.

St. Francis Xavier College, West Fifteenth Street, near Fifth Avenue; Jesuit; 450 students.

The Academy of the Sacred Heart is at Manhattanville, in a fine wooded park, and has 200 pupils.

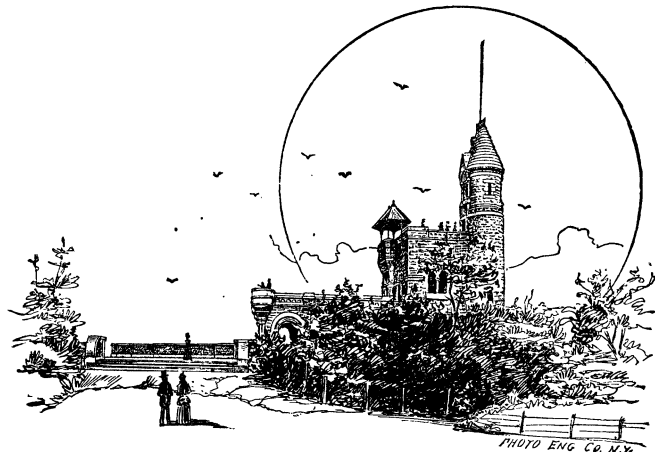
The literary quarter of the city is near Broadway, well up towards Union Square. The vicinity of Bond Street has of late years become the Paternoster Row of America, and there many large publishing firms have their headquarters. The great Astor Library is in this quarter, in Lafayette Place, and it is the gift of the Astor family, who have spent more than a million dollars upon it. It is a fine brown-stone building, 200 feet long, and contains 226,000 volumes. It is open to all from 9 A.M. to 5 P.M. in summer, and until 4 P.M. in winter. The Mercantile Library, in Clinton Hall, in the same vicinity, is of a more popular order than the Astor, and circulates its 210,000 volumes among its 5500 subscribers of \$4 or \$5 a year. The Apprentices' Library in Sixteenth Street contains 70,000 volumes, one third of which are stories. It is open from 8 A.M. to 9 P.M. to boys under eighteen, journeymen, apprentices, and working-women, is conducted by the General Society of Mechanics and Tradesmen, and was founded in 1820. The New York Society Library, in University Place, pertains to a private corporation. It dates from the year 1754, and contains about 70,000 volumes. The Bible House, at the end of Astor Place, is a large six-story building belonging to the American Bible Society, and serves as the domicile of several powerful religious organizations. Over 600 operatives are engaged here, and more than a dozen religious newspapers are published. Over 40,000,000 Bibles, Testaments, and other books, in no less than thirty-five languages, have been printed on its presses. Opposite the Bible House is the Cooper Union, containing free libraries, reading-rooms, lecture foundations, evening schools of design, engraving, telegraphy, etc. The late Peter Cooper erected the building in 1857, at a cost of \$630,000, and richly endowed the group of free schools which he founded here. The library contains 20,000 volumes. The American Geographical Society and the American Institute are also quartered in this building. A Free Circulating Library, composed of different branches in various parts of the city, has been established. Andrew Carnegie, John Jacob Astor, and others have given considerable sums for this purpose. The branches now in operation are at No. 49 Bond Street (13,000 volumes), and the Ottendorfer Library, at No. 135 Second Avenue, founded by Oswald Ottendorfer in 1884 (12,000 volumes, half of them German). The Bruce Library (endowed by Miss Catherine W. Bruce as a memorial of her father) is being built on West Forty-second Street, west of Seventh Avenue, adjoining the Baptist church. Another branch is to be built down-town, on the west side. The Lenox Library at Fifth Avenue and Seventy-first Street, and the American Museum of Natural History, between Eighth and Ninth avenues and Seventy-seventh and Eighty-first streets, have been fully described elsewhere in this work. The Bar Association has at No. 7 West Twenty-ninth Street a library of 24,000 volumes; open to members and the judges. The so-called City Library is at No. 12 City Hall, and the hours fixed for it to be open are from 10 A.M. to 4 P.M. The American Institute, at No. 19 Astor Place, is open from 9 to 9. The Masonic Library is on Sixth Avenue and Twenty-third Street. The Mott Memorial (medical), No. 64 Madison Avenue, open 11 to 9. The New York Society, No. 67 University Place, 8 to 6, 70,000 volumes; founded 1754; \$15 a year. The New York Law Institute Library, No. 116 Post-office Building; open 9 A.M. to 5 P.M.; 30,000 legal works. The Young Men's Christian Association has several libraries in different localities.

The city has numerous art-galleries, public and private, the most prominent of which are those in the Metropolitan Museum of Art and the Lenox Library, referred to elsewhere. The National Academy of Design at Twenty-third Street and Fourth Avenue is noted for its annual exhibitions of paintings, and the architectural peculiarities of its building. There are, too, numerous art-schools in different parts of the city, and every facility is afforded for attaining a thorough knowledge of drawing, painting, etc.

The most important educational agency in the metropolis is the press, which is the vigilant guardian of the people's right and privileges. The leading important papers are the *Herald*, *World*, *Tribune*, *Times*, *Sun*, *Star*, *Evening Post*, *Morning Journal*, *Mail and Express*, *Commercial Advertiser*, *Daily News*, *Daily Graphic*, *Staats Zeitung*, etc., and they are severally conducted with signal ability and success. Weekly papers, periodicals, magazines, and other publications of interest are issued in great numbers.

THE SANCTUARIES OF THE METROPOLIS.

If the sons and daughters of Gotham are not as moral and godly as they can be made, the failing is not due to the need of churches, nor of divines to teach them to shun the path of the wicked and cling to that which is pure and undefiled, but to causes for which Dame Nature is responsible. There are about 400 sanctuaries in the city, capable of seating 250,000 persons at one time, and representing a money value of \$60,000,000. These ecclesiastical edifices are worthy of the greatness of the city, not only in point of number, but also in point of size and architectural beauty. The various denominations seem to have vied with each other in building churches of striking architecture, and in no direction have the wealth and public spirit of the citizens manifested themselves more efficiently. The Episcopalians have the largest number of churches—76. First among these temples of religion is Trinity, the principal church of the extensive and rich Trinity Parish, a corporation closely interwoven with the history of New York, and remarkable for the extent of its charities, and the important part it plays in the denominational interest of the Protestant Episcopal Church of America. This cathedral-like and elegant structure stands on Broadway, at the head of Wall Street, and is described elsewhere in this work, as is also its chapel-of-ease, St.



Central Park—The Belvedere.

Paul's Church, located on Broadway, at the head of Vesey Street. Trinity Chapel, on Twenty-fifth Street, close to Madison Square; St. John's, No. 46 Varick Street; St. Augustine's, in Houston Street, near the Bowery; and Church of the Holy Trinity, at Madison Avenue and Forty-second Street, are chapels of Trinity Parish. The fashionable Grace Church, keeping watch over Broadway on the corner of Tenth Street, and the quaint old Church of St. Mark's, on Second Avenue and Stuyvesant Place, have been referred to elsewhere in these pages. Among the other more prominent churches of the Episcopalians are St. George's, on Stuyvesant Place; the Church of the Holy Spirit, on Madison Avenue and Sixty-ninth Street; St. Bartholomew's, on Madison Avenue and West Forty-fourth Street; Church of the Heavenly Rest, at No. 551 Fifth Avenue; St. Ignatius', No. 56 West Forty-fifth Street; St. Mary the Virgin's, No. 228 West Forty-fifth Street; Anthon Memorial Church, No. 139 East Forty-eighth Street; and St. Thomas', on Fifth Avenue and West Fifty-third Street.

The Methodists come next to the Episcopalians in numerical strength. They have in the city 66 churches, five of which are German, six African, one Swedish, and one Welsh. John Street Church is the cradle of American Methodism, which began in 1766, when Philip Embury preached to four persons. Two years later, the society bought this site, and built the Wesley Chapel, replaced in 1817 and in 1841 by larger churches. The clock now there was presented by John Wesley, and the society has other precious relics

of the early days. The other principal churches of this sect are : St. Paul's, at Fourth Avenue and East Twenty-second Street, a handsome white-stone structure, in Romanesque architecture, with a spire 210 feet high ; St. Luke's, No. 108 West Forty-first Street ; Asbury Church, No. 82 Washington Square ; and Lexington Avenue Church, East Fifty-second Street.

The Roman Catholics have 60 churches in the metropolis, and these represent a vast population, as each has several different congregations on each day of worship. Several of the churches are German, Polish, etc.

The finest and most imposing church-building, not only in New York, but in the New World, is the new St. Patrick's Cathedral, which, although the spires are yet unfinished, is a magnificent specimen of gothic architecture. It occupies the most elevated site in Fifth Avenue, extending the entire front of the block on the east side, between Fiftieth and Fifty-first streets, and running back to Madison Avenue. When the Chapel of Our Lady, which is included in the design, is completed, the building will cover the whole square. The Cathedral was projected in 1850 by Archbishop Hughes, and the plans were drawn by James Renwick. The corner-stone was laid in 1858, in the presence of 100,000 persons, and on May 25, 1879, the cathedral was dedicated by Cardinal McCloskey. The building, though not finished, has thus far cost over \$2,000,000, and it is estimated that at least half a million more will be needed to complete the design. It is in thirteenth-century decorated gothic, like the cathedrals of Amiens, Cologne, York, and Exeter; and the material is fine white marble. It is a Latin cross, 306 feet long, 120 feet wide (140 at transepts), and 108 feet high, with a noble clerestory upheld on long lines of clustered marble columns, and carrying a lofty and richly ornamented ceiling. On each side of the front gable, which is 156 feet high, carved and pinnacled spires are to be raised to a height of 328 feet. There are 70 windows of rich stained glass, made at Chartres, France, at a cost of \$100,000. Thirty-seven of these are memorial windows. The main altar is 40 feet high, of Italian marble, inlaid with gems and bas-reliefs of the Passion ; and on one side is the great Gothic throne of the archbishop. The altar of the Holy Family, of Tennessee marble and Caen stone ; of the Blessed Virgin, of curiously carved French walnut ; of the Sacred Heart, of bronze ; of St. Joseph, of bronze and mosaic,—all of great interest and artistic merit. High mass is given at 10.30 A.M., on Sunday, and vespers at 4 P.M. The cathedral is open every day of the week. This building is in such perfect proportion that one does not realize its immense size until he descries the priest at the altar, so far away as to seem a mere child. Among the other notable churches of the Roman Catholics are :

St. Paul the Apostle, at Sixtieth Street and Ninth Avenue, pertains to the celebrated preaching Order of Paulists, whose monastery adjoins it ; St. Patrick's, at Mott and Prince streets, erected in 1815, and formerly the cathedral ; Church of the Most Holy Redeemer (German), at Thirtieth Street and Avenue A ; St. Stephen's, on East Twenty-eighth Street, near Third Avenue (the church of the famous Dr. McGlynn) ; St. Francis Xavier's, on West Sixteenth Street, near Sixth Avenue ; St. Ann's, No. 112 East Twelfth Street ; St. Mary's is at No. 438 Grand Street ; and St. Vincent de Paul's (French) on West Twenty-third Street.

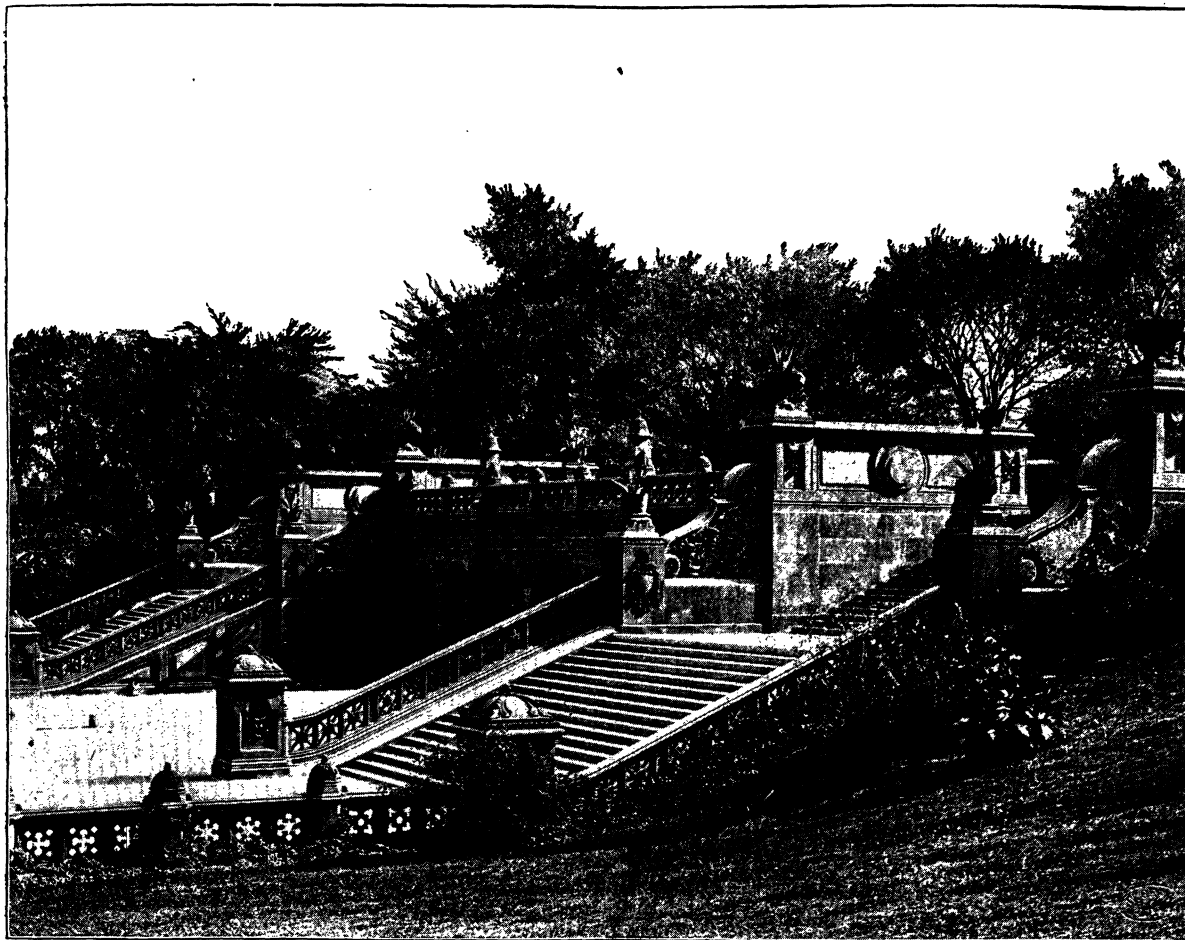
The Presbyterians, including the Reformed and United sections, have 55 churches, and chief among these are : First Presbyterian Church, on Fifth Avenue, near Eleventh Street ; Madison Square Church ; Brick Church, at Fifth Avenue and Thirty-seventh Street ; University Place Church, at Tenth Street ; Murray Hill Church, No. 135 East Fortieth Street ; Church of the Covenant, at Thirty-fourth Street and Park Avenue ; and Fifth Avenue Church, at 708 Fifth Avenue, corner of West Fifty-fifth Street, an enormous Gothic structure, built at a cost of \$750,000.

The Baptist churches, including those for the French, Germans, Swedes, Africans, and other nationalities, are 43 in number, and the most noted of these are : The Fifth Avenue Church, at the corner of West Forty-sixth Street ; the Madison Avenue Church, at the corner of East Thirty-fifth Street ; the Epiphany, at Madison Avenue and Sixty-fourth Street ; the Calvary Church, on West Fifty-seventh Street ; and the First Baptist Church, at Broome and Elizabeth streets. The Tabernacle, on Second Avenue, near Tenth Street, is an attractive gothic edifice belonging to the Baptists. Indeed, it was once the leading Baptist church in America, but when Dr. E. Lothrop's ministrations ceased, the congregation dwindled away, and the building came near being sold for a Jewish synagogue. Rev. Dr. D. G. Potter, however, took the sanctuary in hand, and, aided by liberal contributors, has done much to restore it to its former position of usefulness.

The Hebrews own 30 synagogues and temples, and chief among these is the Temple Emanu-El, at Fifth Avenue and West Forty-third Street, a picturesque pile of Oriental architecture, erected at a cost of \$650,000. It is rich in delicate detail-work, carvings, and color, and the interior is dazzling in its brilliancy.

The Reformed Dutch have 24 places of worship, and the Collegiate Middle Reformed Church, at Fourth Street and Lafayette Place, and the edifices on Fifth Avenue, and Twenty-first, Twenty-ninth, and Forty-eighth streets are fine Gothic buildings, with handsome interiors.

The Congregationalists have eight churches in which to worship. The Tabernacle, at Sixth Avenue and Thirty-fourth Street, and the two churches on lower Madison Avenue, at East Forty-



Central Park—The Terrace and Grand Stairway.

fifth and East Forty-seventh streets, are very handsome edifices, and have wealthy and fashionable congregations.

The Universalists maintain four churches,—the Church of the Divine Paternity, at Fifth Avenue and Forty-fifth Street, being the most noted one belonging to this sect.

The Unitarians own two churches, both of which have acquired a national reputation by reason of their popular pastors. One of these is All Souls' Church, on Fourth Avenue and East Twentieth Street, in which the late Dr. Bellows preached for many years, and of which Dr. Williams is now pastor. The other is the Church of the Messiah, at Park Avenue and East Thirty-fourth Street, on Murray Hill, the pastor of which is Robert Collyer.

Every other sect of religionists has its meeting-house and shrine, scattered over all parts of the

city. Among these are: Catholic Apostolic, 128 West Sixteenth Street; Christian Israelites, 108 First Street; Reformed Episcopal, Madison Avenue and Fifty-fifth Street; New Jerusalem, 114 East Thirty-fifth Street; Reformed Catholic, 79 West Twenty-third Street; Moravian, 154 Lexington Avenue; Friends, 124 East Twentieth Street, 43 West Forty-seventh Street, and East Fifteenth Street and Rutherford Place; Lutheran, 216 East Fifteenth Street, etc.

THEATRES, CONCERT-HALLS, ETC.

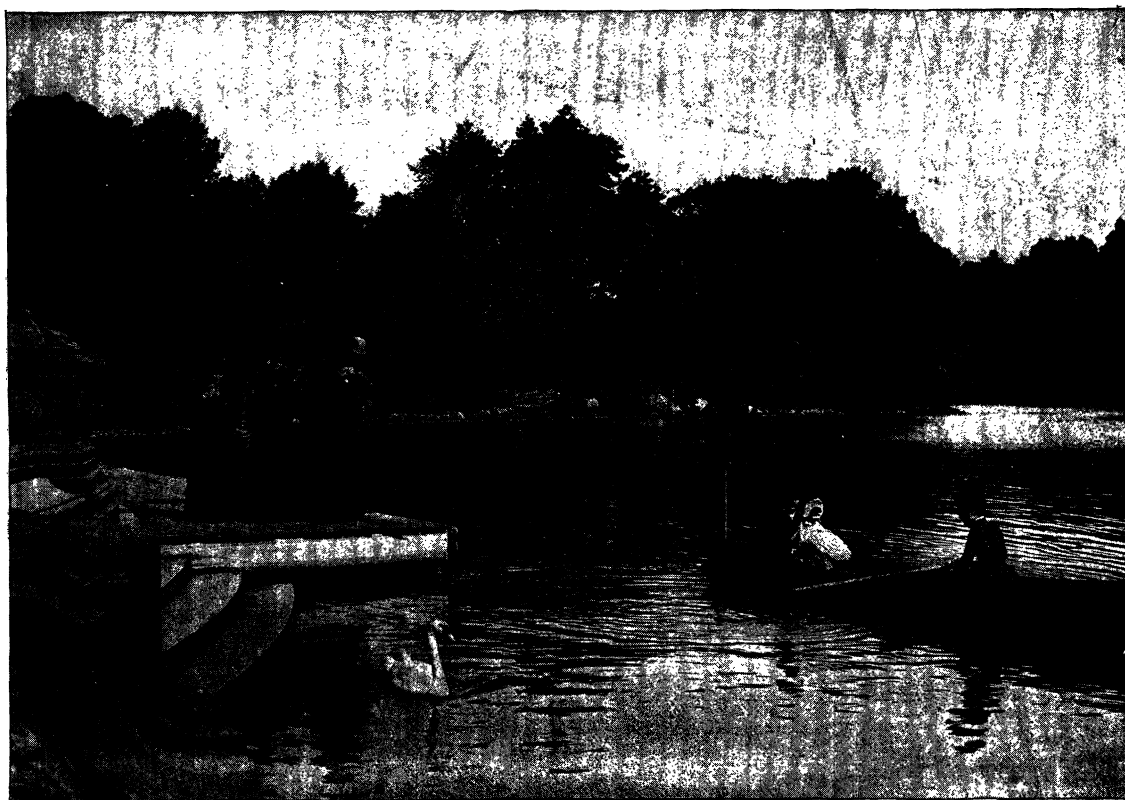
Neither residents in nor visitors to the metropolis need let time hang heavily on their hands. Every section of the city has its theatres, its gardens, concert- and lecture-halls, and other places of amusement. The plays presented in the theatres are generally of a high order of merit, and the prices of admission are moderate. Many of the theatres make quite an architectural display; each has a history of success or failure peculiarly its own; and upon the boards of these houses of entertainment the greatest actors of the past and present, both of our own country and of Europe, have delighted thousands by their faithful representations of the different phases of human life. The newspapers daily announce the class of entertainment to be offered each evening in the leading theatres, concert-halls, etc., and these announcements are as keenly watched by amusement-seekers as are the lists of marriages and births by the ladies. There are also social, scientific, sporting, literary, and other clubs and societies located in all parts of the city, and many of the buildings occupied by these clubs and societies are of a palatial character and most luxuriously furnished. In the aristocratic clubs the initiation fees range from \$100 to \$300, and the annual dues from \$50 to \$75 a year.

EXCHANGES, COMMERCIAL BUILDINGS, ETC.

In the description of our peregrinations about the city we have referred in detail to many buildings of great architectural beauty devoted to residence, amusement, public worship, etc.; and it is fitting that we should make at least a brief allusion to some edifices utilized for trade and commerce that possess characteristics which arrest the attention of visitors and which cause them to become landmarks with residents. The practice in late years in crowded centres, where every foot of land is valuable, has been to erect buildings with sky-kissing roofs. Time was, and that not long ago, when to take an office on a fourth story was to make a hermit of one's self; but the bringing into use of the passenger-elevator has revolutionized all this; for now an office upon the tenth or twelfth story of a building is as easy of access as if nearer the ground, and the higher stories are in some instances preferred on account of being light, cool, airy, and quiet. The Equitable Building on Broadway, between Cedar and Pine streets, is a notable structure. This building, which is of Quincy granite, and which was completed in 1887, cost \$5,000,000. It is fireproof throughout, has four imposing façades, abounding in pillars and carvings, and the frontage on Broadway is 167½ feet. The high-arched Broadway entrance, 22 feet wide, leads to the finest courtyard in America, 100 by 44 feet in area, with a tessellated pavement, from which rise lines of rose-colored marble columns with onyx capitals, upholding an entablature of polished red granite, above which is a finely-arched roof of stained glass and polished marble. On top of the building is the United States Signal Office.

Near to the above structure is the fireproof building of the Mutual Life Insurance Company. It is 165 feet high and cost nearly \$2,000,000. It is embellished and equipped with marble, wrought-iron work, mahogany, Whittier elevators, and other modern architectural luxuries.—Washington Building, on Broadway, Battery Place, and Greenwich Street, belongs to Cyrus W. Field, and is another noted edifice. It is twelve stories high, and the great observatory-tower reaches an altitude of 235 feet from the pavement. The top of the flagstaff is higher than Trinity spire or the Liberty statue. The view from the tower is one of the finest in the world.—United Bank Building, at Broadway and Wall Street, the "Fort Sherman" of the financiers, contains the offices once occupied by General Grant. Here Ferdinand Ward concocted his vast and historic swindles. Roscoe Conkling's office is on one of the upper floors. Standard Oil Company's building, on Broadway, is the largest marble structure in New York. Here is the office of William Rockefeller. Trinity

Building, on one of the Broadway sides of Trinity Churchyard, is a vast hive of lawyers, real-estate dealers, etc.—Boreel Building is an immense brick structure, filled with offices, largely of famous and powerful insurance companies.—Western Union Telegraph Building, at Dey Street and Broadway, is of brick, granite, and marble, eight stories high, with a tall tower.—Stewart Building, at Broadway and Chambers Street, of white marble, occupies the site of the ancient negro burying-ground, and afterward of Washington Hall. It was erected for A. T. Stewart.—Morse Building, on the corner of Nassau and Beekman streets, 11 stories (165 feet) high, is of red and black brick, and is the property of the son and nephew of the late Professor S. F. B. Morse.—Mills Building, on Broad Street, is a vast structure, forming three sides of a courtyard, and was erected at a cost of \$2,700,000.—Temple Court is 160 feet high, erected at a cost of \$1,200,000, and belongs to Eugene Kelly. It stands on the corner of Nassau and Beekman streets.—Potter Building, on the opposite corner, fronts on Printing-house Square, Nassau, and Beekman streets, and is of iron and brick, 185 feet high, and cost \$2,500,000.—Drexel Building, at Broad and Wall streets, is of white marble, in Renaissance architecture, and cost



Central Park—The Lake.

\$700,000.—Aldrich Court, on Broadway, opposite Exchange Place, was finished in 1887, and contains 300 offices. It is lighted at night by 2600 Edison incandescent lights, and is reached by four Otis elevators. It is built around a courtyard, 50 by 70 feet.

Connected with various branches of trade, New York has numerous exchanges. The two most prominent are the Stock Exchange (referred to elsewhere), and the Produce Exchange. The latter is one of New York's most notable buildings, and was built from the plans of George B. Post in the years 1881 to 1884. The building, which is located at the foot of Broadway, with its front on Bowling Green, is entirely fireproof, and it stands on 15,437 piles, brought from the forests of Maine and Nova Scotia. The building is in rich Italian Renaissance architecture, of brick, with a copious use of terra-cotta, in medallions, the arms and names of the States, and projecting galley-prows. Above its uttermost long line of round arches rises an immense campanile, covering 40 by 70 feet, and

225 feet high, richly decorated, and nobly dominating lower New York and the bay. The building is 307 by 150 feet in area, and 116 feet high; and the main hall has an area of 220 by 144 feet, and 60 feet high. From the visitors' gallery one may look down on the 3000 members of the exchange (organized in 1861, and the largest in the world), and see and hear their fierce bargaining. From the tower, which is reached by an elevator, a magnificent and unrivalled bird's-eye view of lower New York, the bay, Staten Island, the shores and blue mountains of New Jersey, Brooklyn, and Long Island is to be had. The flag flying from the tower is the largest ever made, covering 50 by 20 feet. There are nine passenger-elevators. The money-vault contains 1300 safes, and is defended by seven alternate layers of iron and steel. The building cost \$3,179,000.

The Mercantile Exchange, a new brick and granite building, at Hudson and Harrison streets, has a tall tower, and 800 members, who deal in butter, cheese, eggs, and groceries.—The Cotton Exchange, a new and imposing seven-story building of yellow brick, on Hanover Square, south of Wall Street, was built at a cost of \$1,000,000.—The Coal and Iron Exchange is a vast and massive building at the corner of Cortlandt and New Church streets.—The Consolidated Petroleum Exchange and Stock Board, at No. 62 Broadway, has a membership of 3000, and is erecting a large, handsome new building.—The American Horse Exchange is at Broadway and Fiftieth Street.—The Building Exchange is at No. 12 Dey Street.—The Coffee Exchange, at No. 141 Pearl Street, has over 300 members, and sometimes 100,000 bags of coffee are sold here in a day.—At the Grocers' Exchange, on Wall and Water streets, tea and sugar are the chief commodities sold.—The Maritime Exchange is in the Produce Exchange building. Open from 8 to 5 (exchange hours, 11 to 3) o'clock. Marine and commercial news, reading-room, library, etc.—The Metal Exchange is at Pearl Street and Burling Slip; Real-estate Exchange, No. 57 Liberty Street; American Exchange, No. 309 Greenwich Street; American Exchange and Travellers' Bureau, No. 162 Broadway; American Real-estate Exchange, No. 1 Broadway; Brewers' Exchange, corner of Worth and Chatham streets; Building Material Exchange, No. 12 Dey Street; Cattle Exchange, Broadway and Thirtieth Street; Distillers' Wine and Spirit Exchange, No. 19 South William Street; Electric Manufacturing Exchange, Duncan Building, corner Nassau and Prince streets; Foreign Fruit Exchange, No. 64 Broad Street; Hardware Board of Trade, Nos. 6 and 8 Warren Street; Manhattan Stock Exchange, No. 69 New Street; Mechanics and Traders' Exchange, No. 14 Vesey Street, near Broadway; Milk Exchange, No. 22 North Moore Street; New York Naval Store and Tobacco Exchange, No. 113 Pearl Street; New York Board of Trade and Transportation, Bryant Building, No. 55 Liberty Street; New York Furniture Board of Trade, Bowery and No. 150 Canal Street; New York Petroleum Exchange and Stock Board, No. 18 Broadway; New York Real Estate and Traders' Exchange, Nos. 76 and 78 Broad Street; Stationers' Board of Trade, Nos. 97 and 99 Nassau Street; Sugar Exchange, No. 87 Front Street.

THE GOVERNMENT OF THE CITY.

The city's powers of self-government are derived under a legislative charter, which is amended as causes arise therefor. The Mayor and Aldermen, with the heads of the various departments, formed under Boards of Commissioners, are the governing bodies. The departments are as follows: Finance, Public Works (inclusive of Water-works), Parks, Docks, Police, Charities and Correction, Fire, Health, Buildings, Education, Excise (licensors of liquor dealers), and Taxes and Assessments. The Aldermen are twenty-two in number, and have power to pass, enforce, and repeal civic ordinances subject to the mayor's approval, and to pass resolutions over his veto by a two-thirds vote. Besides the departments named there is the Board of Estimate and Apportionment, presided over by the Mayor, and which finally decides as to the amount of money that is to be annually expended in carrying on the work of the city government; also, the Sinking Fund Commissioners, five in number, who have charge of the method devised for extinguishing the civic debt. At this writing, Hon. Abram S. Hewitt is Mayor.

The city has 24 Assembly districts, 7 State Senatorial districts, and 9 Congressional districts. There are 812 polling-places and registries.

The Fire Department is one of the best equipped in the country, and consists of 84 steam fire-engines, 2 water-towers, 32 hook-and-ladder trucks, a life-saving corps, 1080 miles of fire-alarm telegraph, 980 alarm-boxes, 260 horses, and 1000 men. It costs \$1,700,000 a year. There are 73 companies, making 12 battalions, each under a chief of battalion.

The peace is preserved by a staff of 3200 police officers, whose headquarters are at No. 300 Mulberry Street, where the Rogues' Gallery is kept. There are 35 police precincts and station-houses, 75 patrol wagons, and 6 courts.

There are 5250 disciplined militia in the city, and these form eight regiments of infantry and two batteries of artillery and gatling-guns. Each regiment has a separate armory, containing company rooms, drill-halls, reception rooms, libraries, etc. The Seventh Regiment (Colonel, Emmons Clark) Armory, built in 1879 at a cost of \$300,000, is bounded by Sixty-sixth and Sixty-seventh streets and Fourth and Lexington avenues. The Eighth Regiment (Colonel, George D. Scott) has its armory on Ninth Avenue and Twenty-seventh Street; and the armory of the Ninth Regiment (Colonel, William Seward) is at No. 221 West Twenty-sixth Street. The Eleventh Regiment is a German organization, and its colonel is Alfred P. Stewart. The armory is on Grand and Essex streets. The Twelfth Regiment (of which James H. Jones is colonel) has its Armory on Eighth Avenue, from Sixty-first to Sixty-second street. The Twenty-second Regiment Armory is located on Fourteenth Street, near Sixth Avenue. The Sixty-ninth is the famous Irish regiment of the Civil War. Its colonel is James Cavanagh, and its armory is over Tompkins Market, on Third Avenue, between Sixth and Seventh streets. The Seventy-first Regiment Armory is at Broadway and Thirty-fifth Street. One of its quaintest trophies is a cannon, "captured from the Bowery boys" in the famous Dead-Rabbit war, in 1857. This was one of the bravest commands in the battle of Bull Run. E. A. McAlpin is the colonel. The militia are enlisted for five years, and they are equipped by the State with arms and other munitions, and partly with uniforms. In winter, there are continual company-drills; and in summer, several days of camp-duty under canvas, at the State camp-ground near Peekskill. They are a power behind the police on occasions of riot. They have swept the tumultuous streets with deadly volleys more than once, and were equally efficient in line of battle before Gen. Lee's ragged but heroic Southern infantry.

The city draws its water supply from the Croton River, and it is carried to the city a distance of 40 miles through an aqueduct constructed at an enormous cost. The High Bridge, by which the Croton Aqueduct is carried across the Harlem River, at One Hundred and Seventy-fifth Street, in cast-iron pipes $7\frac{1}{2} \times 8\frac{1}{2}$ feet in size, is a very picturesque and noble stone structure of 13 arches, over 100 feet above the river, and 1400 feet long. There is a footpath over the bridge, and a lofty stand-pipe at one end. See illustration of the bridge in these pages. The water is distributed in the city through over 400 miles of main pipes.



TRANSPORTATION FACILITIES.

In this progressive age the prospects of a city for the future are largely due to its transportation facilities. In this respect New York has everything that can be desired. Railroads from almost all points of the compass are constantly pouring in and taking out of the city a vast itinerant population, and ships from every port in the world discharge land passengers and merchandise upon our wharves. As explained elsewhere, most of the great railroad corporations have their depots on the opposite sides of the rivers, and these are reached by ferries.

The fleet of transatlantic steamers running between New York and European ports has no parallel in history, and these monarchs of the ocean are at all times objects of curiosity, whether lying at their wharves taking in or discharging freight, or in steaming up or down the river, going to or coming from the Old World.

The River and Sound steamers amaze by their grandeur foreigners who sail in them for the first time. Nearly all are side-wheelers, usually painted white, and many are of great size and speed.

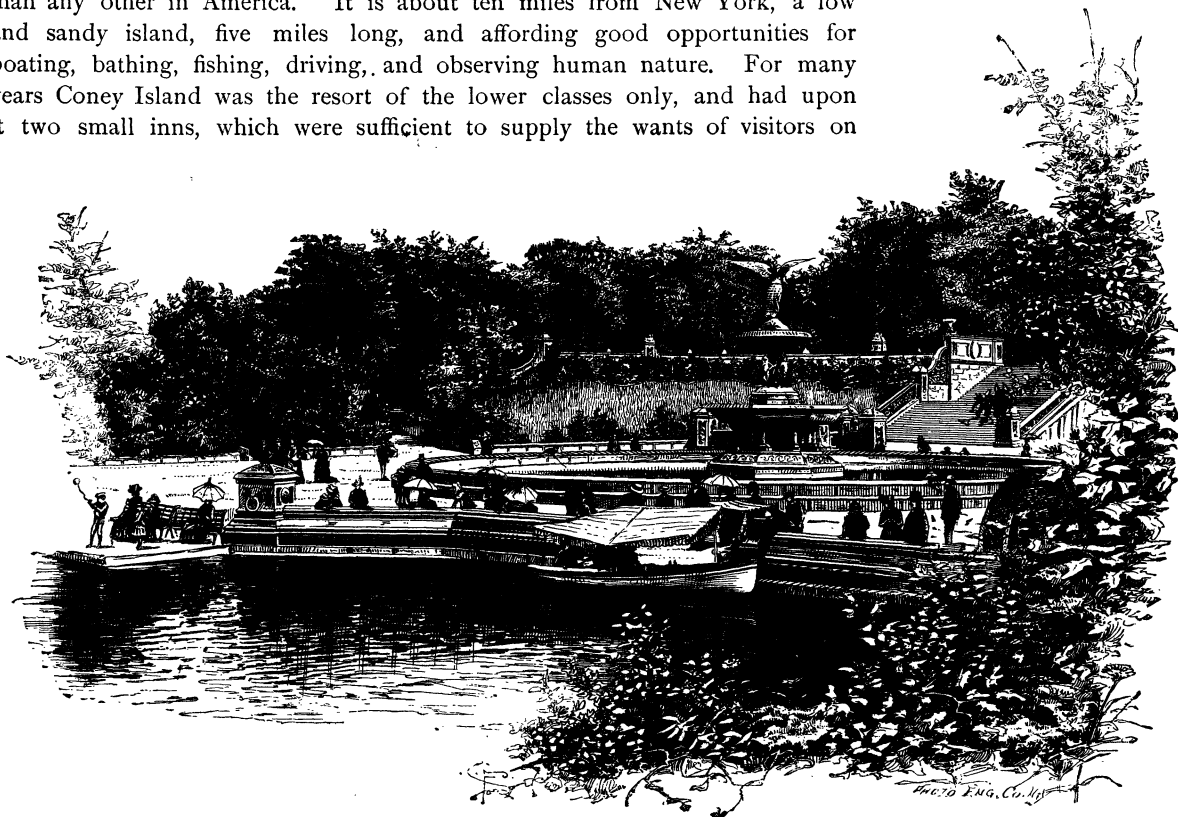
SUMMER RESORTS.

Dickens, the inimitable novelist, wrote that "the country around New York is surpassingly and exquisitely picturesque," and this wealth of suburban beauty is, in the eminent domain of the eye, the property of all the citizens, and the said citizens make this manifest during the fierce heats of the summer solstice. The environs of the city abound in summer resorts and places of recreation. The city has peculiar advantages as a centre for summer journeys, being within two hours' travel of the picturesque spurs of the Alleghany Mountains in New Jersey, or of the bold highlands of the Hudson, with all varieties of lake, river, and rural scenery, rapid and sure routes of access, and multitudes of hotels of all classes. The marine resorts within a limited radius are numerous, and include scores of hamlets, hotels, and beaches on Staten Island, Long Island, the Connecticut shore, and the coast of New Jersey. But New York itself, swept and fanned on every side by ocean breezes, is about as cool and delightful a spot as one can find when the mercury is dancing in the "nineties." There are numerous aquatic excursions daily, leaving the city in the morning and returning at dusk. In the summer, too, the hotels are not full, and travellers can be made more comfortable than in crowded seaside resorts, and at much less cost.

The Hudson, the "American Rhine," is unsurpassed in natural beauty by Germany's famous river, and a sail up the Hudson is always first and foremost among the pleasure-excursions of the residents in the metropolis. Nature has been lavish in the bestowal of her charms upon this magnificent waterway. These charms have been represented on innumerable canvases by painters of world-wide celebrity, and their praises have been sung in prose and verse by lovers of the picturesque. Swift and splendid steamers run during the day and night at appointed hours between the city and Albany, touching at intermediate cities and towns on the way, and in addition to these excursion-boats are run to different points upon the river. As the boat skims along the surface of the river, the passenger's attention is arrested by the tall, rocky west bank at Hoboken and Weehawken, where Alexander Hamilton and Aaron Burr fought their fatal duel. Then he soon has pointed out to him, on the east bank, Riverside Park and the tomb of General Grant. Ten miles up the stream are Forts Washington and Lee, and from this point forward the route is rich in historical associations, while scenes of fascinating beauty crowd quickly upon each other. At Fort Lee, on the west bank, begin the far-famed Palisades, which extend up the river for fifteen or twenty miles, and which are bare, precipitous walls of rock, rising abruptly from the river to a height of from 250 to 600 feet. On the undulating east bank is the handsome town of Yonkers, and a short distance beyond is Grey-stone, the residence of the late Samuel J. Tilden. Between this point and Tarrytown the east bank is dotted here and there with palatial residences. Reaching Irvington, the tourist has pointed out to him Sunnyside, the home of Washington Irving. A few miles above, on the west bank, is Tappan, where Major André was put to death. On the opposite bank is Lyndehurst, the summer abode of the great financier, Jay Gould, and a little farther up the stream lies Tarrytown, where the capture of André was made. A mile to the north of Tarrytown is the Old Dutch Church, where, among the bones of the forefathers of the hamlet, lie the bones of Washington Irving. Thirty-two miles from New York is Sing Sing, on the east bank, and here is located the State Prison. Farther on, the river broadens into a bay five miles wide, at the northern end of which, on the west point, is Stony Point, known also as "Mad Anthony's Charge." After the British had captured the fort at this place, Gen. Anthony Wayne, with a handful of men, surprised the English in the dead of night, and recaptured the fort. The thrilling story of the fight is told in Thackeray's "Virginians." The river at this part is only half a mile wide. On the east bank is Verplanck's Point, the site of Fort Lafayette, where Baron Steuben drilled soldiers for the Revolutionary Army. As the vessel approaches this spot the tourist supposes that here is the end of the river, and this impression is gained through the presence of an island in the middle of the stream and the height of the bank on each side. On the west bank lies the Dunderberg Mountain, rendered famous by Irving; and on the east bank is Anthony's Nose, 1200 feet high; and

between the two, and apparently shutting in the river, lies Iona Island, which is a very popular excursion-resort. Rounding this island the famous Catskill Mountains come within full view. A short distance beyond, on the west bank, is West Point, and here visitors may visit the Military Academy, fort, and historic spots. Continuing the passage up the river, Garrison's and Storm King, the highest peaks of the Highlands, are brought within view, and presently Newburg, where Washington read his farewell address to the American Army, is reached. Then the boat touches at Poughkeepsie on the right, next at Kingston on the left, and, passing numerous pleasant villages on both banks, the vessel reaches the heart of the Catskill region, and then the cities of Athens and Hudson, located on opposite sides of the river. From this point up to Albany the river is rich in charming scenery. In fact, the entire trip is a beautiful and interesting one. Here and there on the banks are groves, belonging to steamship excursion-companies, and these are equipped with tents, sheds, tables, seats, etc., for the accommodation of picnic parties.

Coney Island is the great excursion-point of the millions, and its beach is visited by more people than any other in America. It is about ten miles from New York, a low and sandy island, five miles long, and affording good opportunities for boating, bathing, fishing, driving, and observing human nature. For many years Coney Island was the resort of the lower classes only, and had upon it two small inns, which were sufficient to supply the wants of visitors on



Central Park—Boat Landing and Fountain.

holidays and gala-days. In 1874 a steam railway was built there from Brooklyn, and a restaurant and pavilion were set up. Since then Coney Island has been yearly growing in popular favor, until now it is connected with the city by nine railways and several lines of steamboats, capable of landing upwards of 150,000 persons on the island every day. The island is divided into four points—West Brighton, Brighton, Manhattan Beach and Norton's Point.

Norton's Point, or West end, is not very popular, though it is occupied by pavilions, saloons and small hotels. West Brighton is where pleasure-seekers do most congregate, and for their accommodation and enjoyment there is a motley crowd of hotels, big and little, concert-stands, beer-gardens, variety-shows, skating-rinks, wooden toboggan-slides, shooting-galleries, bathing-houses, merry-go-rounds, inclined railways, museums, aquariums, brass bands, pop-corn and hot-sausage venders; in fact, everything that can be thought of in connection with a country fair for the amusement of the young and the

enjoyment of the elders is represented here. Among the attractions is an iron observatory, 300 feet high, with elevators running to the top; a camera obscura; two iron piers upwards of a thousand feet long, with bathing-houses beneath; and a building in the form of a colossal elephant, with restaurants, dancing-rooms and various objects of interest in the interior, and on the top an observatory, from which a fine view of the island is obtained. Three or four of the wealthy clubs of New York have rooms in the chief hotels, which are owned, with all their appurtenances, by two stock companies. From early morning until almost midnight, Sunday and week-day, the place is crowded with people of all stations in life in quest of fun and frolic, and here for money they can have them without stint.

Brighton Beach, half a mile distant, can be reached from here by stages and an elevated road for a fare of five cents. Brighton Beach is connected with Prospect Park, Brooklyn, by a magnificent boulevard, and is patronized mainly by families from the "City of Churches." Here is a hotel of large proportions with a capacity for dining 20,000 persons in a day. It is a tenth of a mile in length, and three stories high, with numerous towers and flagstaffs, and with wide piazzas running along its entire front. The grounds are beautifully laid out, and concerts are given twice daily in a pavilion.

Manhattan Beach, $2\frac{1}{2}$ miles away, is connected with Brighton Beach by a small railway, and the fare for travel is five cents. The better-to-do classes are the principal patrons of Manhattan Beach, and here is one of the largest hotels in the world. This is the Manhattan Hotel, which is four stories high and nearly 700 feet long. It has a capacity to feed 8500 persons at once, and 30,000 in a day. The grounds are tastefully laid out, and there are concerts in a pavilion in front of the hotel, in the afternoons and evenings. There is a bathing establishment with 2700 rooms, and a sea-fronting amphitheatre, seating 2000 people, overlooking the bathing-beach, where bathing is perfectly safe. Near the Manhattan Hotel stands the Oriental Hotel, highly picturesque in form, 478 feet long, seven stories high, and crowned by eight circular towers surmounted by minarets 60 feet higher than the roof-line. It has 480 rooms, which are occupied chiefly by permanent guests. During the summer there are frequent displays of fireworks at Manhattan. The Coney Island Jockey Club has a club-house at Manhattan Beach, and a fine race-course at Sheepshead Bay, just in rear of the beach, where race meetings are held in June and September.

Another popular resort is Rockaway Beach, located on the Long Island shore, twenty miles distant from New York. The sail thereto is a fine one, and occupies an hour and a half. The beach has most of the characteristics of Coney Island, but the surf is finer. There is a wide iron pier running 1200 feet into the sea. The main hotel has a frontage on the ocean of nearly a quarter of a mile, and contains 1200 rooms. It is seven and eight stories high, with a dining-room where 6000 persons can sit down at once, and 1200 rooms for guests.

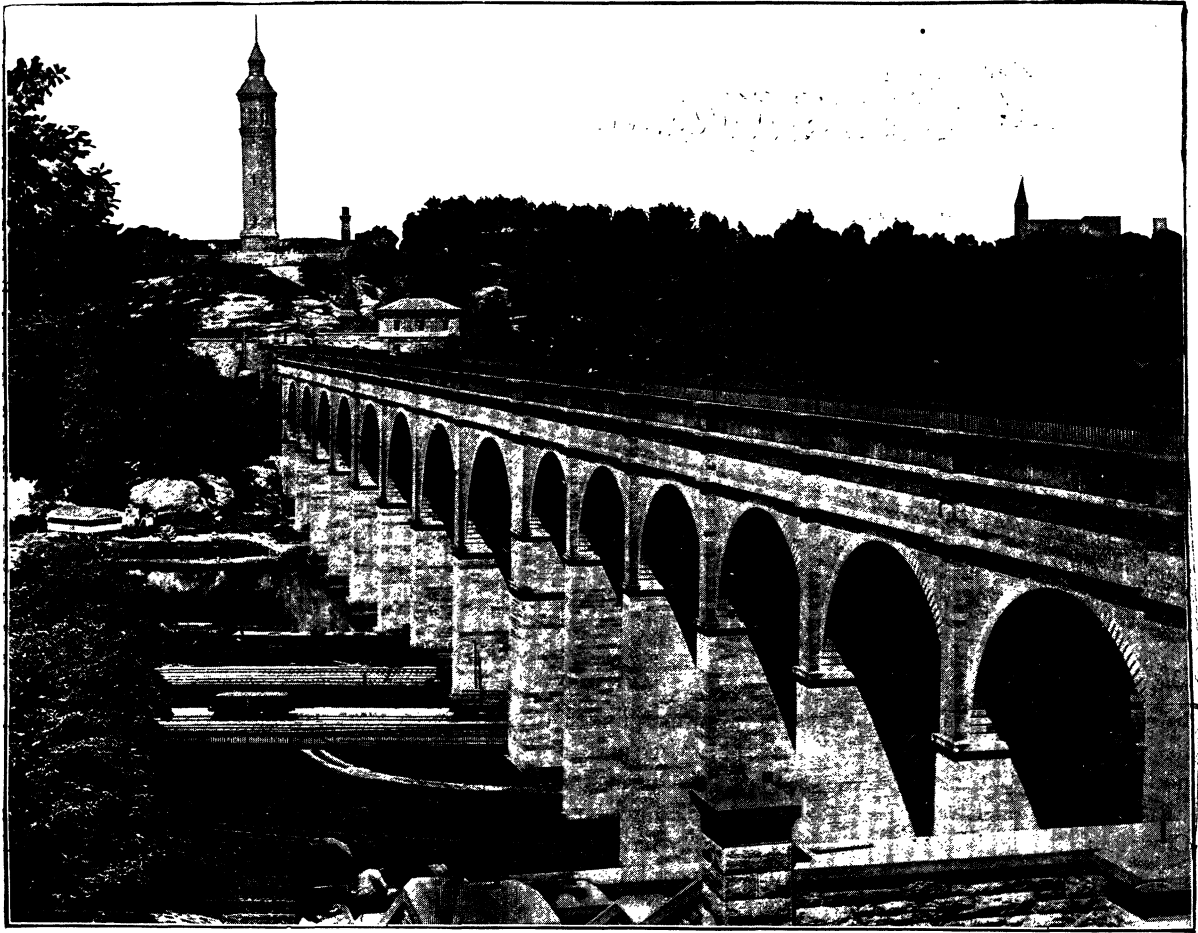
Still farther eastward, and on the Long Island coast, is Long Beach. It has a new hotel, a fifth of a mile in length, a large number of handsome cottages, bathing-houses, music-pavilions, and other sources of infinite entertainment for the thousands who find their way thither from the "madding crowd" in the hot months.

Long Island Sound is full of beautiful and picturesque summer-resorts for excursionists. The most noted of these is Glen Island, near New Rochelle. The sail thereto is a pleasant and interesting one, and the island abounds with attractions and the means of enjoyment for pleasure-seekers, who can find excellent entertainment in a well-conducted hotel.

Long Branch, on the New Jersey coast, and about thirty miles from New York, is the most fashionable resort near New York. It is reached by railway or steamboat in about an hour and a half. It has a magnificent sandy beach, beaten unceasingly by the surf; and above it is a bluff, which for a length of three miles is crowned with hotels and cottages, rich in architecture and surroundings. Long Branch has come to be regarded as the summer capital of the Republic, as it is a famous resort of statesmen and politicians, actors and actresses, and persons of wealth and leisure. The hotels are full of gayety, and the display of horses and equipages on an afternoon on the thoroughfares is one worth seeing. A little to the north of Long Branch are the picturesque ocean-fronting hills, visible for many leagues at sea, and crowned with the costliest lighthouses and the most brilliant Fresnel lights on the coast. Southward from Long Branch is Elberon, a fashionable summer hamlet, where President Garfield breathed his last. Elberon has a large hotel and many picturesquely-arranged cottages in the Elizabethan style of architecture.

Atlantic Highlands, Atlantic City, Asbury Park, etc., are also among the most attractive of the summer-resorts for New Yorkers. Staten Island, forty minutes' sail down the harbor, has become a great centre for the amusement-loving public. It is a hilly and picturesque island, dotted with fine houses and villas. It is 13 miles long, covers nearly 60 square miles, and has 40,000 inhabitants, two railroads, the Sailors' Snug Harbor, near New Brighton; the summer-resorts at St. George, and the great fortifications overlooking the Narrows. On account of the beauty of its scenery of hill and sea it has been named "The American Isle of Wight."

It is but a few years ago that the upper parts of Manhattan Island itself were popular resorts for the people, but real-estate men and builders have marred the rusticity of these sections, which include the large suburb of Harlem, beyond the picturesque, rocky heights of Mount Morris Park; Manhattan-



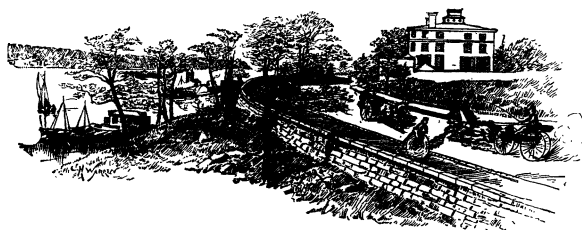
High Bridge.

ville, where are the convent and schools of the Sacred Heart, and also Manhattan College, superintended by the Christian Brothers; Carmansville, where are several old-fashioned mansions; Audubon Park, once a part of the estate of Audubon, the naturalist; Fort Washington, standing on heights towering 238 feet above the sea, and where, in 1776, 2600 American troops were captured by the British; and Inwood, at the mouth of the Spuyten Duyvil, which, with Harlem River, separates Manhattan Island from the mainland. On these breezy heights there are still several summer-hotels and asylums; but in these parts houses are multiplying, and dwellers increasing, and the aspect is rapidly becoming more urban and less rustic. The rolling ridges of the "annexed district," Westchester County, where Jerome Park and various well-known Roman Catholic institutions are located, are being covered with buildings, and ere long the valleys and high plains of this region will lose their verdure.

U of M

THE METROPOLIS IN THE FUTURE.

We have said much in the foregoing pages of the past and present of New York. What of its future? It is pregnant with problems whose solution will tax the master-minds of the next, if not of the present, generation. Now the "third city in the wide realms of the Caucasian race," the Empire City of America, its population is ever multiplying, its manufactures increasing, and its commerce extending. But a few years ago the boundary-lines of the metropolis were stretched so as to give more "elbow-room." Then the city's belt was made to enclose $41\frac{1}{2}$ square miles, or 26,500 acres; and already there is a demand for another slackening of the swaddling-bands of this infant city that it may have room in which to develop into the greatest of city giants. Its growth thus far has been marvellous. Less than two and a half centuries ago—in 1656—the entire population numbered only 1000. The greatest growth has been during the present century. In 1800 the inhabitants numbered 60,489; forty years afterwards the population had increased to 312,710; and in the next forty years—in 1880—to 1,206,500, and to-day it is estimated that New York has within its limits 1,400,000 souls. The future growth will be on a scale even greater than this, for, in addition to the natural increase, the overcrowded nations of Europe will continue to pour into the Empire City their surplus populations. Then the time is coming quickly when the sister city of Brooklyn—now for the most part the mere sleeping-quarters of tens of thousands who toil and feed in the greater city—will fall into the vortex of metropolitan life and activity. Forces are silently at work for making the twain one judicially and municipally, as they are now practically in manufacturing and commercial relationship. That great engineering prodigy, the East River Bridge, has established a vital artery and a bond



Riverside Drive.

between the twin cities that are of greater strength than cables and trussed beams of steel. This spanning of the restless boundary-river has created a unity between the opposite banks of the stream that time will strengthen and no force can break. Its success has paved the way for other enterprises of a like nature for linking New York with the opposite shores of its rivers, and the day is not far distant when the East River will be spanned by another bridge at Blackwell's Island, and when that island

will be reached on foot from either bank of the stream. Railway communication will also be established between the twin cities by means of a tunnel under the bed of the river; and when Brooklyn, with its 700,000 of population, shall have become part and parcel of the metropolis, the latter will be not the third, but at least the second, "city in the wide realms of the Caucasian race."

The Hudson River, too, is to be tunnelled, and railroad trains that now halt on the shores of Jersey City are to be run into New York and probably have their termini near Washington Square. It is also within the range of probability, as well as that of possibility, that the Hudson will have its suspension bridge like the East River.

While the population of the metropolis continues to increase, manufactures and commerce will go on expanding, and demanding more space in which to expand. The lower part of Manhattan Island is what it will continue to be—the great centre of finance and foreign commerce. From this point commerce will keep stretching itself out northerly, but every foot of land in the lower part of the city will grow in value as the demand for warehouse accommodation increases. By being as near to the harbor as possible with their warehouses, merchants secure advantages which they are not slow to realize, and ere many years are past the verdant slopes of Staten Island will be dotted not only with villas, but with huge warehouses for the storage of the world's produce. Trade is persistent in its amplification, and is unceasingly fastening its grip upon the domain of aristocracy in street and avenue, and, as it does this, "exclusive society" in New York is periodically changing its habitat to preserve its surroundings from plebeianism.

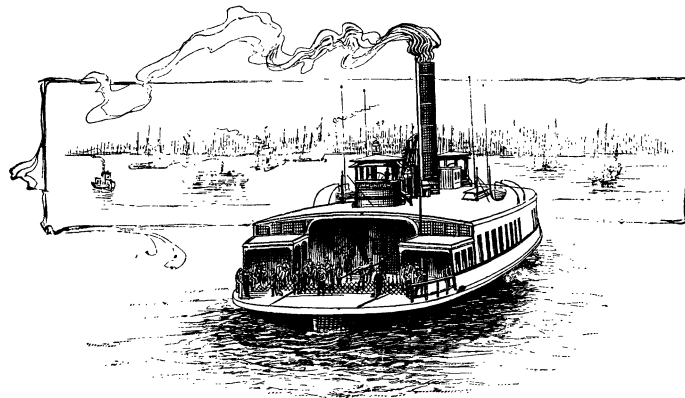
New York's "court quarter" of the aristocracy is consequently gradually drifting more and more to the northern end of the island, and here it may find a resting-place. Here, at Riverside Park, which is a

NEW

wide ridge with abrupt sides and a broad top, overlooking at once, on either hand, the magnificence of the Hudson, beneath the Palisades, and the romantic nooks of the Harlem River and Spuyten Duyvil Creek, with the glittering reaches of Long Island Sound. This is a spot that has, as yet, been inaccessible to the heavy wheels of commerce, to the enterprise of speculative builders, and to the odors of the common world. Then the opposite shores on every hand are all of the same sort, and these are waiting to be united in one by suspension bridges from height to height, anchored in the ready-built rocks. One of the finest bridges in the world—the famous “High Bridge” of the Croton Aqueduct—spans the Harlem from bluff to bluff; and, whenever desired, an upper story can be built upon this massive bridge, and roofed with a fine level roadway from Washington Heights to the summits of the hills of the Twenty-fourth Ward. Already a suspension bridge across the Hudson, from Washington Heights to the Palisades, has been chartered, and this will connect the magnificent boulevards now building on each of the opposite heights in a continuous drive of fifteen miles, which for eminence of prospect, luxurious convenience, and picturesque variety can never be equalled in the neighborhood of any other great city in the world.

By degrees the aristocratic element will make these sightly heights residential quarters, the jobbing trade will continue to advance upon the domain of the present retail trade, and the latter will follow fashion in its movement northward. The increasing numbers of hard-handed and grimy-faced sons of toil will, with their families, locate—well, where they can, but certainly somewhere. In the future the city will make even more prodigious strides than in the past in the growth of population, manufactures, and commerce, and provision for this growth must be made. The civic girdle of the great metropolis, now extending on the north in a straight line from Mount St. Vincent to the Bronx River above Woodlawn, will be pushed forward until the city of Yonkers is swallowed up on the Hudson River side, and the town of New Rochelle on the Sound. On the east the boundary line of the metropolis will be lifted over the East River and encircle Flushing, Jamaica, and populous Brooklyn. This done, New York, half a century hence, will contain a larger population than London, and it will have acquired the distinction of being the unrivalled centre of finance and commerce, of luxury and fashion, and of art and literature.

As the city expands, increased travelling facilities must of necessity be provided. The existing elevated railways have solved the problem of facilitating urban travel; but even these are daily becoming more and more inadequate to cope with the increased service demanded, and something more will have to be done. Underground as well as elevated railways are within the possibilities of the future, and a few years hence busy Broadway and other thoroughfares will be arcaded. Active minds and strong hands will grapple with the problems of the city's future, and these problems concern the occupation, housing, accommodation, convenience, comfort, and enjoyment of the people of what will assuredly be the principal city of the world, and the metropolis of the mightiest country on earth.



U of M

NEW YORK'S TWO LEADING MARKETS.

WASHINGTON MARKET is conceded to be the most important of any in the world. There may be several in Europe which exceed it in architectural beauty, but not one approaches its enormous volume of trade, which now amounts to many millions of dollars per annum. The first market in New York was established at the Bowling Green in 1658; the second was opened "under the trees by the slip" (Hanover Square). In 1738 a market was built in Broadway, opposite Liberty Street, then known as Crown Street. Fly Market, at the foot of Maiden Lane, was long the principal one, but the west side offered so many advantages for the receipt of meat and produce from New Jersey, that in 1812 and 1813 the old Washington Market was erected, and was illuminated in honor of the American victories. The New Jersey farmers ferried their stuff over in boats, while sloops landed cargoes of meats, fruits, and vegetables from up river. In 1817 the first drove of Western cattle was driven from Ohio, slaughtered, and sold in this market. The early stand-holders were prominent in military affairs and



Washington Market.

politics, and many of them were in the old Volunteer Fire Department. As far back as 1824, the need of better accommodations was agitated, and in 1851 determined efforts were made to get a new building; but the old shed-like structures were patched up, and remained a disgrace to New York, until, on July 25th, 1883, the upper part of the old market was torn down, and on June 11th, 1884, the Washington Street side of the present new building was finished, and the West Street side in December of the same year. The sidewalks are thirteen feet wide on the Fulton, Washington, and Vesey Street sides, and eighteen feet on West Street. The building has a lofty roof lit with immense skylights, and also has eighty four-light gas reflectors for use at night. There are 438 stands thus housed, in at a cost of \$300,000. This is the great retail and jobbers' meat and vegetable market of the metropolis.

W. H. O. U.

Stepping across West Street we enter West Washington Market, insignificant in appearance, a rambling shed-like series of buildings covering several acres of made ground and spiled wharfage, but where the bulk of the wholesale trade in fresh meats is concentrated for New York and fifty miles around. The daily sales here are of vast magnitude, and the wealthy wholesale butchers and fruit and vegetable receivers are worthy of a grand new building of glass and iron.

FULTON MARKET, redolent of the choicest oysters, hottest coffee, and nicest fried fish, was opened in 1822. The old building was made to do duty for sixty-one years, and latterly was a public scandal, so dilapidated had it become. The market-men, with public-spirited enterprise, formed an association in 1880 to buy or lease the ground, but failed to get consent of the city. The building was then reported by Mr. Blackford to the Board of Health and building inspectors, and condemned as being unsafe and unhealthy. The Public Works Department was thus compelled to put up a new market, and did its work well, the structure with its granite sidewalks costing not much over \$180,000—the



Fulton Market.

cheapest building of its size in the city. It fronts 171 feet on Fulton Street, 206 feet on Front Street, 161 feet on Beekman Street, and 144 feet on South Street. It is a one-story structure, with a two-story façade on South Street, and the effect is enhanced by five towers, four at the corners and the fifth facing Front Street. The interior of the market is 144 feet square; there is no cellar, but a solid floor of concrete and asphalt prevents leakage. The interior is covered with gable roofs of glass and iron, supported by rows of light iron columns. There are about 90 stand-holders prominent in the market trade of the city. The Fulton Fish Market is a handsome new building on the East River front, and especially erected to meet the requirements of the wholesale fish commission-merchants of New York—emphatically the leaders in their line.

In this volume will be found sketches of all the principal business men of Washington and Fulton Markets, as also of the streets adjacent thereto; and the perusal of these sketches will afford the best possible idea of the character and standing of the various concerns, and enormous volume of their trade.

ILLUSTRATED NEW YORK.

THE pages that follow contain many of the representative houses of the metropolis, and in connection with the illustrated portion of the work will be found profitable and interesting.

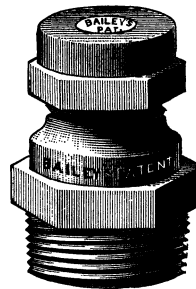
MAYER & LOEWENSTEIN, Manufacturers of Varnishes and Japans. Office, No. 80 Beekman Street; Works, Long Island City.—Among the leading manufacturers of fine varnishes and japans in the United States are Messrs. Mayer & Loewenstein. Their business is also one of the oldest in the country, having been founded by Messrs. Bernhard and Gabriel Mayer in 1846, who jointly ran small varnish factories in New York and Philadelphia. The superior quality of their product was early recognized, and the demand rapidly increased, necessitating frequent enlargement of their premises. After a lengthy and successful career they were finally succeeded by the firm of Mayer & Loewenstein in 1860, and which is composed as follows: Mr. Siegfried W. Mayer, Mr. Otto L. Mayer, and Mr. Ludolph H. Abraham. The Messrs. Mayer have been brought up in the trade, and bring to bear the essential qualifications of vast practical experience, perfected facilities, and sound judgment; so also Mr. Abraham; his experience is ample and his energy and ability generally recognized. The firm control the best formulas and rules for the production of the most perfect varnishes, and have repeatedly demonstrated the superiority of their goods to any others in the market. The enormous sales to the trade indicate how highly they are appreciated. The firm's factory is advantageously located at Long Island City, having direct frontage on the east river, affording splendid marine shipping facilities on the one side, while on the other are the Long Island railway tracks. The works cover a large area and comprise substantial two-story buildings, fully equipped with the latest improved machinery and appliances, and having large furnaces, vats, tanks, etc., and every facility for turning out the enormous quantities of these goods annually consumed. Upward of one hundred hands are employed in the various departments and the utmost care is exercised through all the processes of manufacture to maintain the highest standard of excellence. These goods are in use all over the United States for fine wood-work, coaches, etc., and a heavy export trade has also been developed. The proprietors have achieved a record accorded only to those transactions are based upon the strictest principles of commercial honor, and are worthy representatives of this most important branch of skilled industry in America.

GEORGE VAN WAGENEN (Late of Pollock & Van Wagenen, and Successors to Tallmage & Truesdale), Engineer and Ship Chandler, No. 233 West Street.

The various goods comprised under the general heads of engineers' stores, tools, and ship chandlery, go to form one of the most important branches of commerce, and one of especial magnitude in the metropolis, where the manufacturing and shipping interests are of such great value. A prominent house engaged in this line is that conducted by Mr. George Van Wagenen, at No. 233 West Street, between North Moore and Beach. Mr. Van Wagenen was, for over twenty years, one of the two members of the house of Pollock and Van Wagenen, manufacturers and dealers in steamship, railroad, and machinists' supplies; and on the dissolution of that firm, by his withdrawal in 1887, he immediately commenced his present enterprise in the same line by purchasing the business which

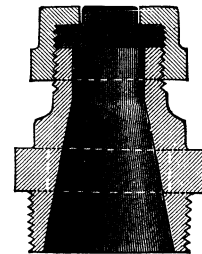
was originally founded in 1865 by Messrs. Tallmage and Truesdell Mr. H. E. Tallmage afterward becoming sole proprietor, and selling the business to Mr. Van Wagenen. The premises occupied are equipped with all appliances for the satisfactory prosecution of the business, and a very heavy stock is carried, the assortment embracing every variety of engineers' stores, machinists' and mechanics' tools, and ship chandlery, the goods all being carefully selected from the leading sources of manufacture, and guaranteed to be the best obtainable.

Mr. Van Wagenen has also recently become the sole licensee and manufacturer for this country of Bailey's English Patented Fusible



Plug for Steam Boilers, also receiving U. S. Letters Patent, which is an admirable device to secure safety against low water in steam boilers, and must, on being generally known, take the place of all fusible plugs now in use. Its superiority over any which have preceded it is apparent on an examination of it, and this has also been demonstrated by actual use, having been manufactured and sold in Great Britain and the European continent in large numbers by Messrs. Bailey & Co. of Manchester, England, the original patentees. It had the unanimous approval

of the U. S. Board of Supervising Inspectors of Vessels, at the recent annual meeting of the board, presided over by Supervising Inspector Gen. Jas. A. Dumont, at Washington, D. C., and also the strong indorsement of Prof. R. H. Thurston, Director of the Schools of Mechanical Engineering of Sibley College, Cornell University, Ithaca, N. Y., and of other eminent mechanical engineers and experts. It is considered a boon to the owners of steam boilers, and to all who handle them; and also to the general public, in reducing to a minimum the dangers of explosions. To bring this invaluable safeguard as clearly as possible before our readers who are directly interested in a device of this kind, we have obtained from Mr. Van Wagenen cuts which appear herewith, representing the plug in full and sectional view.



Mr. Van Wagenen, who was born in this State, is himself a trained and practical mechanical engineer of superior attainments in all relating to steam machinery and appliances. He is thus consulted in enterprises needing expert advice. In mercantile circles generally he is highly regarded for his sterling probity and equitable business methods. We consider we do a service to the trade and to the business of the metropolis in thus emphasizing Mr. Van Wagenen's good qualities as a business man and practical engineer, and in thus extending the reputation of such an establishment, already widely known, and whose popularity must always be commensurate with its volume of business.

N. A. Boynton President.
C. B. Boynton Vice Pres.
E. E. Dickinson Secy. & Treas.

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JERSEY CITY N. J.

THE BOYNTON FURNACE CO., Sole Manufacturers of Boynton's Furnaces, Ranges and Baltimore Heaters, with latest patent improvements, Nos. 207 and 209 Water Street, near Fulton Street, New York. Branch House Nos. 47 and 49 Dearborn Street, Chicago, Ill. - In no department of domestic economy has the application of scientific facts and methods of manufacture produced greater improvements or more noticeable results within a comparatively few years than in the matter of heating furnaces and cooking ranges. The leading concern in this line is that known as The Boynton Furnace Co., Nos. 207 and 209 Water Street, New York, with a branch house at Nos. 47 and 49 Dearborn Street, Chicago, Ills. The manufacturing establishment of the company, which is one of the best equipped in the United States and furnishes constant employment to a large number of skilled operatives, is located at Jersey City, N. J. N. A. Boynton's Furnaces, Ranges and Baltimore Heaters have been on the market for about forty years and their reputation as being the best and most economical that can be obtained, is unquestionable. Among the specialties of this concern may be mentioned the Boynton "New Gas-tight Self-clearing Furnace," an examination of which will show that it is far in advance of all others. It is the most powerful, durable, economical and absolutely self-clearing gas-tight furnace ever put on the market, combining all the features of a revertible flue furnace and possessing none of the objectionable features urged against many other furnaces. A large saving of fuel is guaranteed in using this furnace and this with no diminution of heating-power. They can be used for either anthracite, bituminous coal or natural gas, and can be set either in portable form or in brickwork. Another notable and celebrated furnace is The Boynton "Climax," the new and valuable points in the construction of which are acknowledged by architects, builders, and the public generally. The radiator in the "Climax" is quite a new departure and is so constructed as to retain the products of combustion in their passage to the chimney, until all available heat is radiated. Another prominent line of furnaces manufactured by this concern is known as the Boynton "Steel Dome." These furnaces have many valuable points of construction, the most conspicuous being the radiator, the dome of which is of plate steel and will afford the greatest amount of resistance to the most intense heat, and a full return for fuel consumed is assured. The revertible flue is the only portion which will require cleaning and is so constructed as to be easily accomplished by simply removing the smoke pipe; thereby avoiding any complicated features. Boynton's "Crusader" Furnace is simple in construction, economical and powerful and is rapidly increasing in the public favor. This company manufactures the largest variety of furnaces

(adapted to all kinds of fuel) of any concern in the United States. In addition to their extensive line of furnaces, special mention should be made of the Boynton "Duplex" and "Danube" Roasting and Broiling Ranges, which are so constructed that baking and roasting or broiling may be successfully accomplished at one time, and be perfectly free from ashes, dust, smoke, or odors when cooking; and in addition to this line may be mentioned their "Steel-plate" Ranges (in many styles and sizes) suitable for hotels, restaurants, and family use. Concerning the Boynton Baltimore Heaters, their merits are so widely admitted on all sides it is needless to say anything in their favor there being at least 40,000 in use. The influence of the Boynton Furnace Co. on the trade in furnaces and ranges has been of the most salutary character. Those establishing business relations with this house not only have a large variety to choose from but can always depend upon receiving just and liberal treatment in every particular.

HENRY DREYFUS & CO., Importers of Diamonds, Pearls, and other precious Stones; No. 25 Maiden Lane. - Among the most prominent and responsible firms engaged in the handling of gems and precious stones in Maiden Lane, this city, may be mentioned that of Henry Dreyfus & Co., importers of diamonds, pearls, etc., whose finely appointed and well ordered office and salesroom are located at No. 25, that lively thoroughfare, with branch establishment also, at No. 30 Rue Drouot, Paris, and no house in its line on the street maintains a better standing in the trade. The business was established in 1875 by Lorsch, Dreyfus & Co. who conducted it up to 1885, when the style changed to Henry Dreyfus & Co., and as such it has since been continued with uniform and gratifying success. Conducting the house on strict business principles, upright and honorable in their dealings, and thoroughly conversant with the trade, it is only in the nature of things that the firm should have gained the enduring hold on popular favor and patronage they enjoy. They occupy commodious and attractive quarters, and carry at all times in stock a large and exceedingly fine assortment of diamonds, rubies, pearls, and kindred gems in great variety, while several courteous and experienced clerks are in attendance, and the trade, which is of a wholesale character, extends all over the United States. Mr. Dreyfus, the active partner and head of the establishment, is a gentleman of middle age, with ample experience in this line, and was born in Germany, but has been a resident of this city for upward of twenty years, and now a recognized prominent merchant in his line.

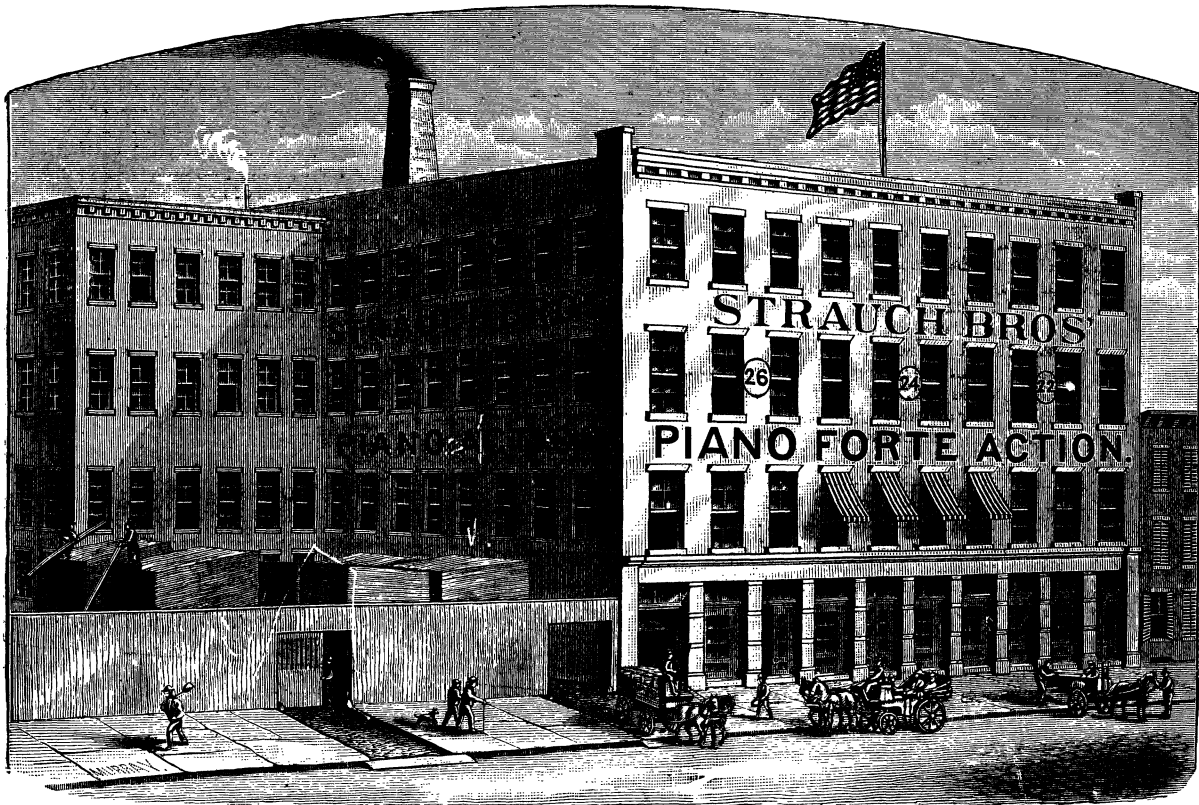


M. D. STEVENS, Sole Manufacturer of Imperoyal Wheat and Buckwheat Flour; Room No. 18, New York Mercantile Exchange, corner Hudson and Harrison Streets.—The trade in flour and cereal products is one of the most important that is centred in the metropolis, being ably represented by a large number of responsible and reliable houses devoted to this steadily growing branch of commerce. Prominent among the number is that of Mr. M. D. Stevens, sole manufacturer of the famous Imperoyal wheat and buckwheat flour, etc., whose office is located at No. 18 Mercantile Exchange Building, corner of Hudson and Harrison streets. Mr. Stevens established this business in 1886, since which period he has built up an extensive and influential patronage in all sections of New York and the neighboring States, owing to the superiority, quality, purity, and uniform excellence of his cereal products. His mills, which are situated at Stevensville, N. Y., are fully supplied with the latest improved apparatus, machinery, and appliances known to the trade, and furnish employment to a large number of skilled workmen. The "Imperoyal" wheat and buckwheat manufactured by Mr. Stevens is always perfectly uniform, and is the only article of the kind that is absolutely free from alum, terra alba, and other injurious ingredients. A careful test is made of each lot in course of preparation to make certain of the quality, before it is placed on the market. The demand for it promises to reach vast proportions, and it is fast becoming a household necessity in every home where domestic economy takes into consideration health, delicacy and purity of food, and time. All kinds of food can be produced from it without salt, baking powder, or yeast, and it will produce about thirty pounds more bread from a barrel than ordinary flour. It is now utilized in all the largest first-class hotels and restaurants in New York and the adjacent cities, while everybody who has used it is delighted with it. The finest buckwheat cakes, bread, biscuits, or specialties of any kind can be produced from it in a few minutes. The Imperoyal wheat and buckwheat flour is so well prepared that it does not mould, sour, nor attract fungoid growths, but keeps sweet no matter how hot or cold the climate. It thus offers unusual facilities to those who conduct "light housekeeping," to camping-out parties, yacht owners, and to all cooks who may be called upon in a hurry to get up some dish which must be leavened in character. Of equal value and greater novelty are the "Imperoyal" vacuum cooked cereals, wheat, oats, and hominy. Ordinary cooking deprives a cereal of its water, changes some starch to dextrine and dextrose, breaks down the cellulose tissue, and generally produces what are known as torrefaction products. These are exemplified by the brown crust on bread and the burned taste so familiar to all novices in the kitchen. By cooking in a vacuum, a lower tempera-

ture can be and is employed. This enables the manufacturer to expel the water, make the chemical changes mentioned, and break down the cell tissues, but does not create any torrefaction products. The result is the formation of a food substance which retains the flavor and delicacy of the original cereal, which is ready for assimilation and is thoroughly palatable and wholesome, but which possesses no foreign, burned, or other strange taste. In this respect the vacuum process is far preferable to the dry steam, superheated steam, or hot-air processes of cooking. The "Imperoyal" foods, taken together, give to the housekeeper a complete outfit of cereals, of the best type, prepared in the best manner, and that can be used at a minimum cost, loss of time, and expenditure of trouble. From them a bill of fare can be made at a few minutes' notice, that from a culinary, economic, and scientific standpoint cannot be equalled, much less surpassed. Their low price brings them within the means of all, and their availability and convenience render them indispensable to whoever gives them a single trial.

THE LINDSAY TYPE FOUNDRY, No. 75 Fulton Street; Robert Lindsay and B. Dauchy.—One of the most notable and old-established houses in New York actively engaged in the production of type is "The Lindsay Type Foundry," No. 75 Fulton Street, of which Messrs. Robert Lindsay and B. Dauchy compose the firm. This business was established in 1852 by R. and J. Lindsay, who were succeeded by R., J., and A. W. Lindsay; and eventually in 1881 the present firm succeeded to the management. The premises occupied are spacious, and are fully equipped with all the latest improved apparatus, machinery, and appliances, necessary for the successful and systematic conduct of the business. Eighty experienced type-founders, operatives, etc., are employed, and the machinery is driven by steam-power. The firm manufacture extensively all kinds of type, rules, leads, slugs, etc., which for quality, finish, and uniform excellence are unsurpassed by those of any other first-class house in the trade. The facilities of "The Lindsay Type Foundry" have expanded greatly since its establishment, and are now such as can only apply to those firms thoroughly understanding the business, which are enterprising enough to take advantage of all the latest improvements and inventions, whereby all orders may be promptly filled, and with perfect satisfaction to the trade. The proprietors are constantly making new and elegant fonts of type suitable for the finest work, which are offered to customers at extremely low prices. The trade of the house extends throughout all sections of the United States, while large quantities of their type are exported to Canada, Mexico, the West Indies, Central and South America. Mr. Lindsay was born in Scotland, but has resided in New York for the last forty years; while his partner Mr. Dauchy is a native of Troy, New York. Both gentlemen are thoroughly conversant with the wants of the trade, and are highly esteemed in business circles for their enterprise, skill, and just methods, fully meriting the substantial success they are achieving in this useful and valuable industry.

GEORGE MEIER & CO., Manufacturers and Importers of Bronze Powders, etc., Nos. 135 and 137 William Street.—At the present day vast quantities of bronze powders, colors, and other specialties are utilized by lithographers in their important and beautiful art. A representative and old-established house in New York actively engaged in the manufacture and importation of lithographic supplies is that of Messrs. George Meier & Co. This business was established twenty-two years ago by Mr. George Meier, who in 1867 admitted Mr. A. Uhlfelder into partnership, the firm being known by the style and title of George Meier & Co. In 1873 Mr. S. J. Landauer became a partner. The factories of the firm which are admirably equipped are situated in Fürth and Gsteinach, Bavaria. Messrs. G. Meier & Co. import extensively all kinds of bronze powders, gold paint, brocade gold, silver composition and metal leaf, lithographic stones, colors, presses and materials. All the lithographic supplies handled and dealt in by this reliable house are absolutely unrivalled in the United States or Europe for quality, utility, reliability, and excellence, while the prices quoted for them are very low, as they are one of the first-class firms. Messrs. G. Meier & Co. fill all orders promptly and carefully, and their trade now extends throughout all sections of the United States, while large quantities of their bronze powders and lithographic goods are exported to Canada, Mexico, the West Indies, Central and South America. Messrs. Meier, Uhlfelder, and Landauer were born in Germany, but have resided in New York the greater part of their lives.



STRAUCH BROS Manufacturers of Grand, Square, and Upright Piano-forte Action, Nos. 22, 24, 26, 28, and 30 Tenth Avenue.—A representative and successful house in the metropolis, extensively engaged in the manufacture of grand, square, and upright piano-forte actions, is that of Messrs. Strauch Bros. In every branch of business there is some one firm that has excelled therein and is thoroughly representative of the best efforts and the largest measure of success. In the line of the manufacture of all descriptions of piano-forte actions such a house is that of Messrs. Strauch Bros., whose magnificent factory is so eligibly and centrally located at Nos. 22, 24, 26, 28, and 30 Tenth Avenue, and No. 67 Little West-twelfth Street. This business was established twenty-five years ago by Messrs. P. D. and Wm. Strauch, under the now so popular and widely known name of Strauch Bros. They first located their factory in Twenty-fifth Street, subsequently removing to Fifteenth Street, thence to Gansevoort Street, and finally to their present handsome and specially-constructed factory at Nos. 22 to 30 Tenth Avenue, and No. 67 Little West-twelfth Street, having been forced to do so by their enormous growth of trade. The buildings are their own property, erected by themselves, and consist of a main building 78x100 feet in dimensions and four stories in height, being fully equipped with the choicest machinery, including many valuable improvements of the firm's own invention, and an adjoining building containing boiler and drying-rooms. They possess facilities and conveniences here for carrying on their line of business superior to those of any other concern in the United States, and have a capacity for producing 500 actions a week. Their great establishment is a great scene of busy industry, some 300 skilled hands finding steady employment at good wages. Messrs. Strauch Bros. give the closest personal supervision to every detail of their immense concern, and manufacture carefully to specification all kinds of grand, square, and upright piano-forte actions. Their name is a sufficient guarantee as to the excellence and thorough reliability of their actions all through the trade. They number among their permanent customers all the leading piano-manufacturers of America, and have in their possession hosts of unsolicited testimonials as to the unqualified satisfaction their actions invariably give. It is well known that these gentlemen are the recognized

leading experts in this branch of enterprise in the United States. Both copartners are popular throughout commercial circles, noted for their honorable methods and sterling integrity, and well merit the degree of success which has extended their able exertions.

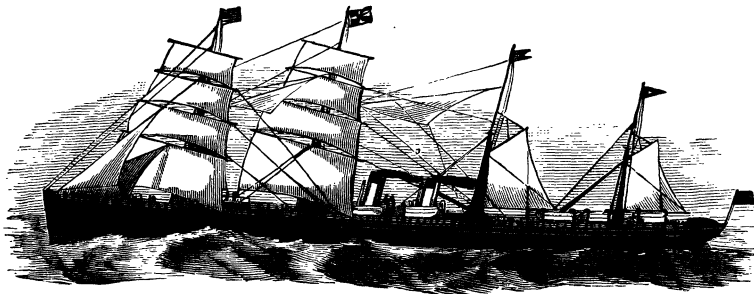
HENRY B. PLATT, Manufacturer of Platt's Chlorides, No. 36 Platt Street.—The numberless and terrible diseases resulting from noxious gases, vitiated air, and sickening odors have impelled chemists, physicians, and sanitary experts to seek the discovery of a specific disinfectant and antiseptic, with varying degrees of success. And while it is but the truth to state that many of the compounds intended for this purpose upon the market possess some features of merit, it is equally a fact that for efficacy, reliability, and general excellence none yet offered for sale approaches the widely and favorably known Platt's chlorides, manufactured by Henry B. Platt. It is an odorless, chemical disinfectant, deodorizer and germ destroyer, possessing powerful absorbent properties, with great affinity for noxious gases, and is, in short, an indispensable article for hospitals, public institutions, and the household. As by its nature it instantly unites with, neutralizes, and eliminates the sulphides of hydrogen and ammonium, its use as a pleasant yet powerful sanitary solution in and about dwellings, stables, and buildings of every description is apparent, but to the physician it is especially valuable because of its undoubted virtue and cleanly nicety in the apartments of the sick. Not only in cases of offensive cancers, abscesses, ulcers, etc., where its use is positively essential, nor in obstetric operations, where its prompt deodorizing and antiseptic qualities are of vital value, but in all cases of sickness, in every sick-room, whether the disease be contagious or otherwise, the daily use of this odorless sanitary agent, so decidedly pleasant in effect and yet so economical, certainly is of the greatest advantage, not only to the patient, but to the attendants. Platt's chlorides is sold by druggists everywhere, in quart bottles, at fifty cents each. Mr. Platt, who is sole patentee, established this business in 1877, and the unequivocal success that has attended the enterprise from the first abundantly attests the merits and superiority of his production.

THE ASBESTOS PACKING COMPANY, Miners of Asbestos, and Manufacturers of Fire and Water Proof Building Papers, No. 33 John Street.—Asbestos is not only indestructible by fire or acids, but differs from all other known mineral substances in possessing fibres resembling flax or silk. Until within a few years, this wonderful substance which has now proved so valuable for various purposes, was almost totally unknown, except to the chemist and a few others. In connection with these remarks, special mention is made, in this commercial review of New York, to the old-established and successful miners and manufacturers, the Asbestos Packing Company, whose office in the metropolis is located at No. 33 John Street, and home office at No. 169 Congress Street, Boston. This business was established in Boston in 1857, by leading local capitalists with ample facilities for the production of the article in every form. The company own and operate several extensive asbestos mines, and their factories, which are fully equipped with all the latest improved machinery, apparatus, and appliances, furnish constant employment to about 600 operators. With their superior advantages of securing the finest qualities of asbestos from their own mines, they can always guarantee the users of their asbestos specialties and materials that customers are buying articles exactly as they are represented. For the covering of boilers, flues, stills, and other large heated surfaces, and steam pipes carrying high steam, where a durable, useful, reliable, and economical covering is desired, the company recommend the use of their famous asbestos cement felting. This asbestos cement felting is guaranteed to contain a large percentage of asbestos fibre with other superior non-conducting materials. It also contains a certain percentage of infusorien erde (fossil meal so called) which is known as one of the best non conductors, owing to its peculiar construction and composition. For parties desiring a removable covering, particularly for temporary purposes, the Asbestos Packing Company supply their asbestos and hair felt combination covering, or their asbestos removable covering, of which samples and full information will be sent on application. By the use of the company's asbestos flooring felt, at a very small cost any building can be rendered comparatively, if not absolutely, fire-proof. If a fire be rendered slow of progress, limited in extent, and consequently nominally harmless, certainly a great desideratum of our age has been gained. Asbestos flooring felt may be laid between the flooring-boards and on the ceiling before plastering, and be carried up and down the walls a sufficient distance to permit the furring to be nailed on its face, thus effectually excluding the fire from its favorite resort behind the plaster; or by the use of asbestos cement, the felt may be firmly connected with the walls, and thus secure the same end. The doors of pine or other wood, should be so constructed as to have a sheet of the felt in their centre, so that either side being burnt, the other side remains intact. Rooms so protected would exclude a fire if from without, and confine it if within, and thus the fire department would have ample time to come to the rescue and extinguish the flames with no other damage than that resulting from the moderate use of water, and the injury to the apartment and its contents where the fire had birth. Asbestos flooring felt yields no dust, it does not disintegrate even with continual pounding; has a pressure resisting power equal to that of hard pine; cannot decay, is a non conductor of heat, and opposes the action of water with almost the same determination it shows to withstand the action of the flames. Used under slate, the fact of its non conducting heat renders it superior to any other sheathing, and used under shingles or clapboards it has no equal. As a lining for well-rooms, flues, or any hot or cold air conductors or ventilators, it stands alone for usefulness; and, being a non radiator of heat it thoroughly sustains the integrity of all substances it is appointed to protect. Factories, apartment, tenement, or flat houses protected by asbestos flooring felt, could be rendered sufficiently fire proof at a small cost to guard the lives of all the inmates from the flames, and to cause the damage, if a fire did occur therein, to be localized to the rooms in which it commenced, and the burning to the simple consumption of furniture, contents, and finish of said rooms, as the flooring felt is absolutely indestructible by either fire or acids. There occurred in New York city, a short time since, a practical test of the merits of asbestos flooring felt, proving it to be all that is claimed for it as a preventative of the spread of flame, and an efficient aid in rendering buildings lined with it slow of combustion. The circumstances were these: The Hotel Grenoble, corner of Fifty-seventh street and Seventh Avenue, New York, which was lined between the floors with the Asbestos Packing Company's asbestos flooring felt, just as it was completed caught fire among the carpenters' benches,

etc., in one of the apartments. The fire gained very considerable headway, burning through the plastered ceilings and destroying the flooring timbers and under floor, and then it met the asbestos flooring felt, which effectually prevented its further progress in that direction, saving the upper floor intact. The fire completely destroyed all the wood work in the apartment in which it originated, and had it penetrated through the upper floor, the building would doubtless have been entirely destroyed. The use of asbestos flooring felt, though intended principally for building purposes, is by no means confined thereto. For fire-proof linings of all kinds in safes, railroad passenger and freight cars, refrigerators of all kinds, and any other purpose requiring a fire or acid-proof or non-radiating material, it stands without a superior, and the low price at which it can be obtained places it within the reach of all. The Asbestos Packing Company likewise manufacture extensively their asbestos fire-proof curtains, for use in theatres, opera houses, lecture and concert halls, or any other place where a strictly fire proof shield is needed. The use of these curtains are now being demanded by the police, fire and insurance authorities in all the leading cities of the country, and in many of the States they are demanded to fill the requirements of the law. The asbestos curtains can be arranged in the same manner as the ordinary drop curtain, and can be stained or painted as desired. Among the many other specialties this company manufacture the following may be mentioned: Asbestos mill boards, flat or sheet packing, lining felt, flooring felt, corded sheathing, sheathings, building felts, cement felting, hot-blast cement felting, stove lining, furnace cement, retort cement, combination pipe covering, removable pipe covering, locomotive lagging, piston-rod packing, wick packing, fire proof rope, fire-proof cord, twine, yarn, roofing and roof coating. These asbestos articles are absolutely unrivalled for utility, durability, quality, and uniform excellence, by those of any other house in the United States or Europe, and are general favorites with the trade wherever introduced. This company solicit correspondence regarding any of their manufactures, and all orders are promptly and carefully filled, while the prices quoted in all cases are extremely moderate. In conclusion it may be stated, that the affairs of the Asbestos Packing Company are placed in competent and energetic hands, and it worthily maintains a leading position in this valuable business, reflecting the greatest credit on all concerned. The telephone call of the New York office is "John 5:3."

N. WERNERT & CO., Dealers in Foreign and Domestic Dried Fruits, Swiss and Other Cheese, etc., Nos. 81 and 82 Washington Market.—It is a matter beyond dispute that those enterprises which are more intimately connected with the manufacture and sale of food supplies occupy the foremost rank of usefulness in the community. An establishment which is one of the oldest in its particular line in one branch of this business is that of Messrs. N. Wernert & Co., at Nos. 81 and 82 Washington Market. Mr. Wernert came to this city in 1857, from Germany, of which country he is a native, and four years subsequently established himself in his present business, in 1861, and from the commencement has enjoyed a very liberal and influential patronage, which is steadily increasing. He occupies two stands of ample proportions, which are very neatly and tastefully fitted up and supplied with every convenience necessary for the trade. He is a very extensive dealer in foreign and domestic fruits, of which he constantly keeps on hand a full supply, and also carries a very large stock of Swiss, Edam, Roquefort, Sappago, Parmesan, Munster, Neufchatel, Limburger, and hand cheeses; also Fromage de Brie, Pont l'Eveque, Camembert, Leyden, Pategrasse, Strachino di Gorgonzola, etc.; likewise imported, Bologna and other sausages, Westphalia hams, etc. He makes a particular specialty of Orange county cream and other choice brands of domestic cheese, also of the finest and purest fancy. Mr. Wernert enjoys unusual facilities for procuring his supplies, and deals only in the best goods to be found in the market, and his establishment enjoys a most enviable reputation for the absolute purity and freshness of its supplies, and customers purchasing here can always have the complete satisfaction of knowing that nothing inferior or adulterated will be sold to them. Order and discipline, neatness and cleanliness, characterize the entire surroundings of his establishment, while all goods are offered at the lowest possible prices, and courteous attention is given to the wants of patrons. Mr. Wernert is a wide-awake, energetic, and affable gentleman of sound business qualifications, and justly merits the success he has achieved by his perseverance and ability.

CHARLES D. J. NOELKE, Banker and Broker, General Railroad and Steamship Ticket Office, Nos. 153 and 153½ Bowery, corner Broome Street.—The rapid development of the world's passenger travel is one of the most gratifying features of the age. New lines of steamship and railroad communication are constantly being opened up, many in direct competition thus increasing the facilities and reducing the cost of travel to the intelligent and prudent citizen. "Where to buy" is very frequently more important to decide than "how to buy." In the matter of railroad and steamship tickets, this is a question that appeals forcibly to every prospective traveller on the principal routes of travel. If competition is the life of trade, it is much more a matter of importance to the travelling public, especially if they will buy their tickets of a responsible general agent, who represents all lines and can at the one counter give the passenger the choice of over half a dozen different routes. Such an agent is Mr. Charles D. J. Noelke, the popular and respected banker and exchange broker, whose offices are so centrally located in the Mechanics' & Traders' Bank Building, Nos. 153 and 153½ Bowery, corner of Broome Street. His is the only authorized general railroad and steamship ticket office on the east of Broadway, and where can be obtained at lowest rates in New York, railroad tickets to all points; ocean tickets to and from all parts of Europe, with the vitally important added privilege of choosing in the same office from any one of a dozen lines crossing



the Atlantic. This privilege is not obtainable elsewhere. Often one line sends out a slow, old steamer, while the same or following day another line despatches one of the large and magnificent fast ships, that afford such comfort and do the voyage in a week. Mr. Noelke knows the movements of every ship, dates to sail, etc., and can suggest to passengers which will be the best to take, and quote lowest possible rates for either cabin or steerage passage. He has for several years sold the cheapest steerage tickets ever known, being enabled to do this by reason of his doing such a large and extensive business, and having influential connections with all the leading steamship companies of the Atlantic. He also selects choice state-rooms for cabin passengers, securing them in advance at no extra charge. Every facility is afforded here; baggage checked and called for, choice sleeping-car berths secured for railroad travellers, and tourist routes selected at rates way below what can be quoted on Broadway. Mr. Noelke has been a resident of New York since 1863, and is very widely and favorably known throughout the community, and since opening his office in 1876, has developed a business of the greatest magnitude and importance. His is recognized to be and spoken of as the leading banking and exchange office on the east side. All kinds of foreign gold, silver, and paper moneys are bought and sold; bills of exchange are issued on all the principal cities of Europe at lowest rates; and hundreds of citizens as well as hundreds of people living out of town do all their remitting to Europe through this responsible, reliable house. Mr. Noelke is widely experienced, and brings to bear every facility; his office is admirably furnished, and is provided with every convenience to expedite the transaction of business. He is a responsible business man of sterling integrity, who has ever retained the confidence of leading commercial and financial circles, and has built up his large trade and influential connection solely on the basis of a faithful discharge of his duties to the public, and as an enterprising, energetic, reliable agent of the great corporations which control the principal steamship and railroad lines of the world. To all our readers we extend the advice, Buy your tickets of Mr. Noelke, and secure entire satisfaction at the least possible outlay of money.

S. R. & J. C. MOTT, No. 118 Warren Street, Mills, Bouckville, N.Y. —As a factor in commercial activity, the importance of the cider and vinegar interests of the State of New York at the present date can scarcely be overestimated. From comparatively insignificant proportions the trade in these products has grown to very substantial magnitude in this city during the past quarter of a century. Among the leading and best known firms engaged in this line in the metropolis, may be mentioned that of S. R. & J. C. Mott. Their office and storehouses are located at Nos. 116 and 118 Warren Street, where they carry stock sufficient for city and near-by trade; at Bouckville, in the central part of this State, they have very extensive mills where each year, during the months of October and November, when the fruit is in perfection of quality and cheapest in price, they grind and press upward of three hundred thousand bushels of apples; part of them are brought in by wagons by the growers, and the rest by rail from counties bordering on Lake Ontario; they yield about forty thousand barrels of juice which is fermented just long enough to develop a slight amount of spirit and render it sparkling, and is then filtered, making it perfectly bright, and removing the chief causes of further fermentation. Such cider is a delicious, wholesome, and invigorating beverage; it contains less alcohol than ale or beer, is therefore not intoxicating, and requires no license for its sale. From Bouckville, which takes its name from a former governor, shipments are made in car-loads to nearly every State in the Union; very large quantities are also sent to the "Mott American Cider Company" at Liverpool, England, and to many other foreign ports, including Melbourne and Sidney, where, in consequence of the growth of the temperance movements, it is rapidly gaining on sales of malt beverages. Their product of cider vinegar, though smaller, is also important; they have but one brand, "Mott's Best" and it is everywhere known as the standard for all other makers. This business which has attained such large proportions, was begun in 1865 by Mr. S. R. Mott at Burnt Hills, Saratoga County; a few years later he removed to their present location, Madison County where larger quantities of fruit could be more easily obtained; about that time his son, Mr. J. C. Mott, began business on his own account in the city, and soon after father and son formed the firm of S. R. & J. C. Mott, and continued until 1884, when they incorporated under same name, admitting as stockholders younger members of the family and some of their employees. We fancy that but few people are aware of the magnitude of the business done in the "beverage of our daddies" by a single firm, and that this sketch may therefore prove interesting. Messrs. Motts' business is conducted on liberal principles; no materials except apple juice and refined sugar are used; they have no secret processes, and their establishments are open to the inspection of visitors at all times. We take great pleasure in commending their products, their methods, and their enterprise.

A. G. BUSHNELL, Publisher of the Mezzotype Engravings, No. 114 Nassau Street.—In that branch of industry devoted to the printing and publishing of fine-art goods, the metropolis has ever been the leader in this country, and there are many worthy houses engaged in this line. One of the best-known and most prosperous of these concerns is that conducted by Mr. A. G. Bushnell (The Lithotype Printing Co.), at No. 114 Nassau Street, where he has been established for the past seven years. This gentleman devotes his energies with the best of success to the production of photo-mechanical prints for manufacturers' catalogues and book illustrations, mezzotype engravings, and reproduction of art pictures of all kinds. He possesses the most ample resources for the prosecution of the enterprise, and his mature experience enables him to attain the highest results therein. The premises occupied are fitted up in the most complete manner with all necessary appliances, and every facility is at hand for the manufacture of perfect work. A very heavy stock is at all times carried to meet the demands of the trade, which is exclusively wholesale, and orders of any magnitude received from any part of the United States, are promptly filled on the most favorable terms. Mr. Bushnell, who is a native of Massachusetts, has resided in this city for the past eight years, has become reputably known as a painstaking honorable business man, and well merits the success which has attended his efforts.

PETTIT & REED (Mortlock Pettit and Charles Reed). Successors to N. Smith, Wholesale Dealers in Fine State and Western Creamery Butter and Cheese, No. 228 Fulton Street.—A leading headquarters in the metropolis in its special line of trade is the establishment of Messrs. Pettit & Reed, who are widely prominent as wholesale dealers in fine State and Western creamery butter and cheese, located at No. 228 Fulton Street. The business was founded in 1835 by Messrs. J. & N. Smith, succeeded about 1858 by N. Smith & Co., in 1866 by Mr. N. Smith, and in 1883 the present firm assumed control. The premises occupied for trade purposes comprise a fine four-story building, 25x75 feet in dimensions, with basement, fitted up with special reference to the rapid and economical handling of the extensive stock which is constantly carried. All the improvements that have been devised in late years for the perfect preservation of perishable articles for an indefinite period are here found in successful operation insuring invariable purity and freshness in the goods. Even the most casual observer, upon visiting this house, cannot fail to be impressed with the extent, system, and completeness of the establishment; while it may be safely asserted that in both quantity, quality, and desirability the stock carried by Messrs. Pettit & Reed has no superior in this city. A specialty of the trade is in supplying hotels and grocers with fine grades of creamery butter and cheese at the lowest wholesale prices. So thoroughly have the proprietors popularized their business, and so fully do they meet the exacting demands of this class of trade, that their patrons come from all parts of the country, and their trade is steadily increasing in magnitude and importance. Having intimate and influential connections with producers throughout New York and the West, this firm can command every advantage of the market, and are enabled to offer inducements to the trade, as regards reliability and uniform excellence of goods and liberality of terms and prices, that challenge comparison and defy successful competition. The members of this responsible firm are Messrs. Mortlock Pettit and Charles Reed. Mr. Pettit is a native of London, England, and came to this country some forty years ago. He has had thirty years' experience in the business, and is prominently identified with the growth and prosperity of the city. Mr. Reed is a New Yorker by birth and education, and has been actively engaged in this line of trade for upwards of twenty-five years. Both are in the prime of life, popular members of the Produce and Mercantile Exchanges of this city, and are amply deserving of the prosperity they enjoy and the esteem in which they are held in business circles.

G. & S. OWEN & CO., Manufacturing Jewelers, Office No. 3 Maiden Lane.—The city of New York has long been the principal centre of the jewelry trade of the United States, and here the trade and public always find the finest classes of jewelry, diamond goods, watches, etc., at prices that defy competition. A representative and old established house actively engaged in this growing and important industry, is that of Messrs. G. and S. Owen & Co., whose office and salesrooms are located at No. 3 Maiden Lane. The factory of the firm, which is admirably equipped with all modern appliances and machinery, and furnishes constant employment to fifty experienced and skilled workmen, is at the corner of Snow and Chapel streets, Providence, R. I. This business was established in 1834 by G. and S. Owen, who were succeeded in 1853 by the firm of G. and S. Owen & Co. The members of the present copartnership are Messrs. George and Smith Owen, Jas. P. Snow, and C. E. Westcott, all of whom are widely and favorably known in the jewelry trade, and have done much in extending and improving this valuable branch of industry throughout the United States. Messrs. G. and S. Owen & Co. manufacture largely all kinds of rich gold jewelry and diamond goods, and make a prominent specialty of the newest, original styles. Their stock, which includes bracelets, lockets, lace pins, brooches, earrings, sleeve-buttons, charms, studs, etc., is unrivalled for quality, workmanship and general excellence, while the prices quoted in all cases are as low as those of other first-class houses. The trade of this reliable house extends throughout all sections of the United States and Canada and is steadily increasing, owing to the superiority and reliability of its productions, and purchasers of jewelry should not fail to see this splendid stock before purchasing elsewhere. Messrs. G. and S. Owen, who are natives of Providence, R. I., have taken no active part in the business for a number of years. Mr. C. E. Westcott, also a native of Providence, R. I., is the factory manager and Mr. Jas. P. Snow, who is a native of Boston, Mass., manages the business in New York. Their reputation for just dealing and careful attention to the wants of cus-

tomers has made their house a very popular one, and they are highly esteemed by a wide circle both socially and commercially, not only in New York but in all parts of the country.

W. WATERS & SON, Bookbinders, Nos. 101 to 103 Fulton Street.—It is eminently fitting that the public and the publishing trade of the United States should find in New York city, the best equipped, largest, and most competent firms of bookbinders. This branch of skilled industry has attained proportions of enormous magnitude in New York, and one of the leading representatives is the well-known house of Messrs. W. Waters & Son, whose establishment is so centrally located at Nos. 101 to 103 Fulton Street. The proprietors are among the most widely and favorably known members of the trade, and exercise sound judgment and excellent practical ability in the carrying on of their extensive business. Mr. W. Waters is a native of Massachusetts, and learned his trade thoroughly in the city of Boston, where he commenced in business in 1840. He early achieved an enviable reputation for the superiority and marked elegance of his work, and a growing trade with the favorable opening presented in New York, resulted in his removing to this city in 1850. His decision has been amply justified for in the subsequent years, his house has become justly celebrated as doing the finest and most elaborate work of any known to the trade. In 1850, Mr. Waters admitted his son, Mr. W. E. Waters into copartnership under the existing name and style. A native of Boston, he has been a permanent resident of this city from early childhood and is a young business man of progressive enterprise and sterling integrity. Learning his trade in the best practical school, he is a recognized authority therein, and jointly with his father, personally supervise all the operations of the various departments of their business. Their bindery is 50x160 feet in dimensions (two floors of this size), and one of the best equipped in the United States, having the finest machinery and appliances known to the trade. The presses, stampers, cutters, etc., are numerous and run by steam power, upward of two hundred hands being employed, including several of the most skilled designers, finishers, toolers, etc., known to the trade. The firm turns out work of the highest order of merit largely for our leading publishers, and exclusive of numerous private orders for the careful binding of choice books for the library or centre table. The sewing materials and finish leave nothing to be desired, while the variety of styles and original patterns of stamps render Messrs. Waters & Son, the most popular house in the trade to day. Mr. W. E. Waters is a veteran of the Seventh Regiment, National Guard, and has a creditable record of faithful service in that—the leading volunteer corps of America. To all seeking the best work in bookbinding in all its branches, coupled with moderate charges, we strongly recommend to place their orders with this honorable and enterprising old house.

JACOB ZAHN & SON, Manufacturers of Beveled Plate Mirrors, Nos. 478 and 480 Pearl Street.—The leading house engaged in the manufacture of fine beveled plate mirrors is that of Messrs. Jacob Zahn & Son, of Nos. 478 and 480 Pearl Street. Mr. Zahn commenced in business upon his own account in 1832, bringing to bear the widest range of practical experience of anybody in the trade. Born in Germany he came to the United States in 1840, and for the larger portion of the intervening period has been actively identified with the wholesale trade in glass. For thirty years he had been partner in different firms in New York, and for ten years was a member of Donnelly & Co., now retired. Mr. Zahn early became the recognized authority as to beveled plate glass for mirrors, and his trade rapidly grew to proportions of great magnitude. In January, 1887, he took his son, Mr. John Zahn into copartnership under the existing name and style. He is a young man (a native of New York) of superior abilities and unremitting industry and is a valued member of the house. The premises occupied are centrally located, and extensive, and fitted up throughout with the latest improved machinery and appliances run by steam-power. Messrs. Zahn & Son employ from thirty to fifty hands, and carry a very large and desirable stock. Special attention is given to plates and mirrors for manufacturers, and they number among their permanent customers the leading members of the trade throughout the United States. The superior quality of all mirrors and beveled plate glass emanating from this establishment recommend it to all dealers and manufacturers. Messrs. Zahn & Son have ever retained the confidence of leading commercial circles and are honorable and enterprising manufacturers—the leaders in their line.

PITT & SCOTT'S FOREIGN EXPRESS, for all parts of the world, No. 229 Broadway.—A valuable enterprise represented in this city, which is entitled to favorable notice at our hands, is that of Pitt & Scott's Foreign Express, whose office is eligibly located at No. 229 Broadway, opposite the Post Office Building. The head-quarters of the concern are located at No. 23 Cannon Street, E. C., London, where the business was founded in 1876. Since then the firm have, through their energetic management, honorable methods, and thorough reliability, developed a most important line of operations, and are recognized leaders in this special line of industry. Branch offices were opened at No. 7 Rue Scribe, Paris, and at Pree-son's Row, Liverpool, years ago, and the agency in this city has been in operation for the past six years, and is now transacting a very flourishing business. The agencies now cover every important city in the world. They have in operation a system of checking baggage from New York to any part of Europe on the same system as Domestic Baggage Express. This is actually the only check system for baggage in Europe and every traveller knows the great inconvenience caused by the usual system in vogue throughout Europe. It is impossible to overestimate the advantages of being able to check one's heavy baggage in New York and be certain of its safe arrival and delivery at Paris, Berlin, Vienna, Rome, or even Moscow. Travellers passing through New York would do well to visit this establishment. There is also another point in which this enterprising firm offer exceptional advantages, and this is in the rapid and safe conveyance of holiday presents. Many are deterred from sending a present to their friends in the old country from a false idea of the cost of forwarding. We think it cannot be too generally known that this Express makes a specialty of conveying a parcel weighing two pounds to London for fifty cents, and of delivering it free of all expense for that amount. Parcels of larger size and other destinations at equally low rates. The manager, Mr. John Matthews, is a native of London, but since his advent here has become very popular with the business public. He is an experienced, active representative of the house of Pitt & Scott, and is devoted to the interests of all who patronize this worthy concern. Freight, parcels, baggage, etc., are forwarded at through rates to and from all parts of the world. Packages are collected from any address immediately on receipt of instruction, and shipments are made three times a week on the fastest steamship lines. A handbook of rates is published by the firm, and all required information is cheerfully imparted by Mr. Matthews to all his visitors.

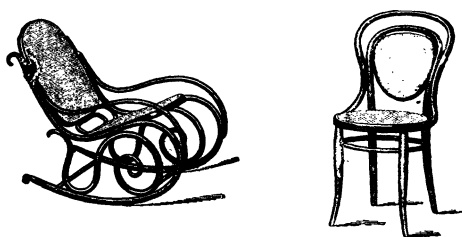
RAPHAEL GUASTAVINO, Architect, Nos. 92 and 94 Liberty Street.—The growth of the New World in wealth and refinement has naturally created a demand for Old World skill and talent in many lines of effort. In none has greater progress been made than in that of the architect. Notably so in the great cities like New York, Philadelphia, Chicago, etc. In New York the field before the architect of ability is one of the most gratifying character, and among those whose talents and efforts are meeting deserved recognition and approbation is Mr. Raphael Guastavino of Nos. 92 and 94 Liberty Street. He is noted for his abilities and thorough knowledge of every detail of this art and is a native of Spain, in which country he studied and practised his profession for upward of twenty years before removing to New York, and is now the only Spanish architect in this city. He began the practice of his profession here in 1881, and has met with a large measure of patronage and is doing a fine business. His conception of architectural beauty are of the highest order, and he has, in the erection of several prominent buildings, given abundant evidence of his great talents. Among the edifices designed and supervised by him are the Jewish Synagogue, Madison Avenue, corner Sixty-fifth Street; the beautiful Progress Club, and many others. Mr. Guastavino has introduced several important improvements in structural materials, including strong tile arches that render flats and buildings absolutely fire proof. We have not space here to describe the superiority of his process over all others, and the absolute protection afforded, but recommend owners, and all about to build to call on him and secure full particulars. He also makes a specialty of high class interior decorations, novel designs and beautiful colors and combinations being introduced, and which are the handsomest ever seen in New York. Spanish architecture is famed the world over; its sublime achievements draw travellers from every quarter of the globe, and thus it is interesting to note that here in our midst is a representative of that famous school, and a gentleman thoroughly practical, fully experienced, and who satisfies the most exacting requirements of all his patrons.

J. C. BLOOMFIELD & CO., Importers and Dealers in Calico Printers' and Dyers' Materials, Aniline Colors, etc., No. 14 Dey Street.—A representative and old-established house in New York, largely engaged in the importation and sale of dyers' materials, aniline colors, etc., is that of Messrs. J. C. Bloomfield & Co., whose office and salesrooms are located at No. 14 Dey Street. The firm have likewise a branch at No. 3 Weybosset Street, Providence, R. I., and also in Manchester, England. This business was established in New York in 1864 by Boler & Bloomfield, who were succeeded by J. C. Bloomfield & Co. Eventually in 1887 the present firm was organized, the copartners being Messrs. William King and Robert A. Lawrie, both of whom have had great experience, and possess an intimate knowledge of every feature and detail of this growing and important business, and the requirements of patrons in all sections of the country. The premises occupied are commodious, and are fully stocked with a complete assortment of calico-printers' and dyers' materials, aniline colors, indigos, etc., which are unrivalled for quality and excellence, and have no superiors in this or any other market. The firm import direct, and offer advantages and inducements in goods and prices very difficult to be duplicated elsewhere in this country. They are also sole agents in the United States for Mather & Platt, of Manchester, England, manufacturers of all kinds of machinery for calico printers' and dyers' use. Mr. King was born in New York, while his partner, Mr. Lawrie, is an Englishman. Both gentlemen are highly regarded in mercantile circles for their business capacity, enterprise, and integrity; and their prospects in the near future are of the most favorable character. The trade of J. C. Bloomfield & Co. now extends throughout all sections of the United States and Canada, and is steadily increasing, owing to the reliability and quality of its dyers' materials, which are general favorites with manufacturers and calico-printers wherever introduced.

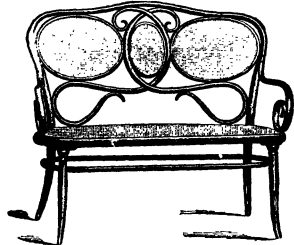
GEO. P. LABATUT, Importer and Dealer in Cabinet and Fancy Woods, No. 151 Centre Street.—One of the oldest and best-known houses in the metropolis engaged in the importation and sale of cabinet and fancy hard woods is that of Mr. Geo. P. Labatut, located at No. 151 Centre, corner of Walker Street. This house was founded in 1810 by Mr. J. M. J. Labatut, the present proprietor, his son becoming a partner some years later, and finally succeeding to the sole control in 1858. A large stock is constantly carried. This stock comprises rosewood, mahogany, lignum-vitæ, boxwood, cocobolo, granadilla, ebony, cocoa, lance, sandal, snake, satin, quassia, violet, dogwood, maple, cherry, white holly, amaranth, greenheart, olive, tulip, red cedar, black walnut, planed thin pine, looking-glass backing, dowels, etc. The proprietor is ready at the shortest notice to furnish anything in this line to suit the tastes and requirements of patrons, and shipments are promptly made to the remotest points. The stock is kept steadily up to the highest standard, and the patronage is large, influential, and permanent in all parts of the United States. The resources and facilities of the house, combined with the large experience and comprehensive knowledge possessed by the proprietor regarding all the details and requirements of the trade, give it a commanding influence in the business, and enable it to offer inducements to customers as regards superiority of goods and economy of prices that challenge comparison and are safe from successful competition. Mr. Labatut is a native of this city, highly esteemed by the public and in the trade as an experienced and reliable merchant, commanding advanced opportunities for the procurement of supplies, and eminently popular with his host of patrons throughout the country.

THE WYOMING SALT Co., No. 194 Duane Street, C. W. Smith, Manager.—Among the well conducted and prosperous business enterprises which line and form the basis of the commercial wealth and importance of this busy trade district, will be found that which is made the immediate subject of the present sketch. The Wyoming Salt Co. was organized in the early part of 1887, and from its inception has enjoyed a prosperous and ever-increasing business. The spacious premises consisting of four floors fitted up with all the modern business conveniences and facilities, are eligibly located for the purpose, and the stock of fine, coarse, table, and dairy salt carried is large, comprehensive, and complete in every department. The house is a popular source of supply for their staple articles of commerce, and the voluminous trade aggregates an eminently prosperous general business. Mr. C. W. Smith, the business manager, is a gentleman of thorough knowledge and experience in the salt trade, and to his well directed and spirited efforts may be in a great measure ascribed the success which follows the enterprise.

JACOB & JOSEF KOHN, of Vienna, Manufacturers of Bent Wood Furniture, No. 16 West Fourteenth Street.—The tendency to specialization and the almost minute division of leading industries into separate branches, is nowhere more generally followed than in the manufacture of furniture. This has directly led to the establishment of extensive factories devoted to the manufacture of particular lines of furniture, the products of which are widely celebrated for their superior construction and fineness of finish. A house which has become famous in its special branch of this industry, and which is the largest concern of the kind in the world, is that of Messrs. Jacob and Josef Kohn, of Vienna, who have five mammoth factories in Austria and two in Russia. The firm are manufacturers of bent wood furniture and their goods are sold in all portions of the globe. For the production of their specialties they buy entire forests at a time, and can utilize but a very small portion of each tree. The magnitude of their undertaking can be understood when it is stated that they give employment to the enormous force of fourteen thousand hands in the various departments of their business.



The members of the firm reside abroad, and are accounted among the most influential of European manufacturers. The branch in this city, which has control of the concern's interests throughout the United States and Canada, was opened in 1876, and has been success-



fully conducted from the outset. The quarters occupied are eligibly located at No. 16 West 14th Street, are spacious and admirably fitted up, and contain a heavy, complete stock of the splendid bent wood furniture which is received from the European factories of the Messrs. Kohn, and these fine goods are too universally known to require praise at our hands. The New York depot is in charge of Mr. Frank Airey, a native of Philadelphia, and a business man of ability and thorough experience. He devotes his entire energy to the management of the trust reposed in him, and has every facility for the prompt fulfilment of all orders with which the house may be favored.

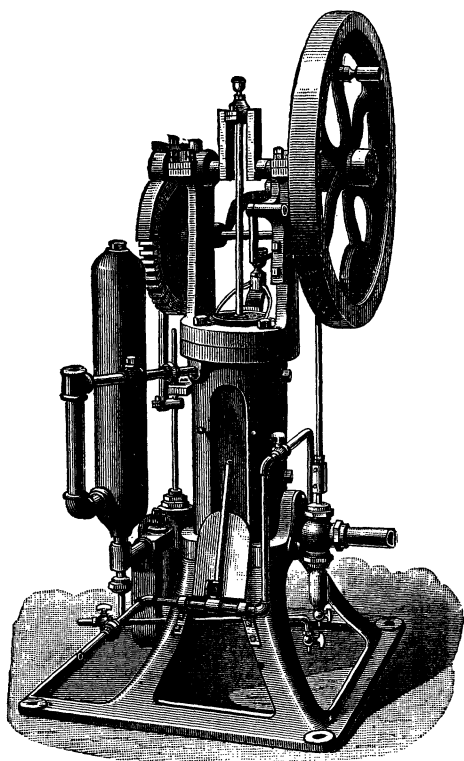
J. B. BREWSTER & CO., Carriage Builders of Twenty-fifth Street; Warerooms corner Forty-second Street and Fifth Avenue. —A representative and old-established house in New York, actively engaged in the manufacture of fine carriages, light wagons, sleighs, etc., is that of Messrs. J. B. Brewster & Co., whose extensive warerooms are located at No. 503 Fifth Avenue, corner 42d Street. The factories of the firm, which are admirably equipped with all the latest improved tools, machinery, and appliances, and furnish constant employment to 200 skilled workmen, are at Nos. 141 to 153 East 25th Street. This popular house was established in 1838 by Mr. J. B. Brewster, who was succeeded by the firm of J. B. Brewster & Co. of 25th Street. In 1870, the business was duly incorporated under the laws of New York with a paid up capital of \$125,000. The officers of the company are J. B. Brewster, President; R. Schuyler Tucker, Secretary and Treasurer. The company manufactures largely fine carriages, buggies, broughams, victorias, coupes, landaus, etc., which are absolutely unrivalled for strength, lightness, elegance, durability,

and uniform excellence by those of any other first class house in the trade in the United States. From the very commencement of its business this responsible house determined to employ only thoroughly qualified workmen in all departments and the result is that the vehicles turned out by this company have no superiors, and are general favorites wherever introduced, while the prices quoted are extremely moderate. Messrs. Brewster and Tucker, the officers, are highly esteemed in business circles for their enterprise and skill and integrity, justly meriting the abundant success achieved by them in this important and valuable industry. Persons who want a very cheap carriage will not obtain it here, but customers requiring the best in the market at a reasonable price, cannot do better than give their orders to this successful and reliable establishment.

C. E. OVERBAUGH & Co. Manufacturers and Dealers in Guns, Rifles, and Sporting Goods, Nos 265 and 267 Broadway.—A reliable and successful house engaged in the manufacture and sale of guns and sporting goods in the metropolis is that of Messrs. C. E. Overbaugh & Co., whose shop and salesroom are situated at Nos. 265 and 267 Broadway. This business was established in 1878 by Mr. C. E. Overbaugh who is sole proprietor. Since July, 1880, Mr. Overbaugh has added first-class gun and rifle work to his business. The premises occupied are commodious and are fully stocked with a superior assortment of guns and rifles of the latest and most improved patterns, ammunition of all descriptions, and first-class sporting goods, which are offered to customers at exceedingly moderate prices. These goods are unsurpassed for quality, reliability, workmanship, and general excellence by those of any other first-class house in the trade, and are general favorites with hunters, wherever introduced. They do not propose to do a clap-trap business, advertising goods with fancy brands and fraudulent and misleading descriptions, but to do a square business, buying their goods at the lowest rates, and giving their customers the benefit of their ability and experience. They believe that in New York there is a grand opening for a house of this kind that will supply consumers at popular prices, and they propose to fill the bill. As to their reputation for fair dealing, they refer to the Winchester Repeating Arms Co., New Haven and New York; Colt's Fire Arms Co., Hartford; Parker Bros., Meriden and New York, manufacturers; and Schoverling, Daly & Gales, Hartley & Graham, John P. Moore's Sons, and H. Boker & Co., the leading wholesale houses in New York; also, the Merchants' Exchange National Bank. They guarantee every article as represented, and money will be refunded if satisfaction is not given on any of the goods named in this catalogue. All orders will have especial prompt attention. New York is the only market where a full line of fire-arms and equipments are kept in stock, and their facilities enable them to fill all orders with the promptest dispatch. Mr. Overbaugh makes a specialty of manufacturing fine shot guns and rifles, and numbers among his customers many of the best shots in the United States. He was born in Catskill, N. Y., and came to the metropolis in 1850, where he is highly esteemed by the community for his mechanical skill, and the success achieved by him is as substantial as it is well merited. Mr. Overbaugh's family is one of the oldest in the East, Overbaugh, a town in the State of New York, being named after one of his ancestors, who came to this country in 1728.

HIMROD MANUFACTURING CO., Proprietors and Manufacturers Himrod's Cure for Asthma, Catarrh, Hay Fever, Croup and Colds, No. 30 Vesey Street.—There is no more useful or praiseworthy member of society than he who provides a cure for the ills that beset humanity in the form of various diseases and complaints. Among the most common complaints are included those annoying troubles—asthma, catarrh, hay fever, croup, and colds—and in naming a specific for their cure, we feel that we are conferring a benefit upon our thousands of readers and their friends. We here have reference to Himrod's cure, manufactured and owned by the Himrod Manufacturing Company of this city. This remedial agent has been thoroughly tested in the years it has been before the public, and is guaranteed to be a certain cure for asthma, catarrh, bronchitis, hay fever, diphtheria, croup, and ordinary colds. The mode of using it is pleasant, the medicine being burned, while the patient inhales its agreeable fumes. The Himrod company was organized fifteen years ago, and has enjoyed an uninterrupted career of prosperity, owing to the superior excellence of its productions, and the Himrod Cure is now sold in all parts of the United States.

ECONOMIC GAS-ENGINE CO., No. 34 Dey Street; L. B. Hoit Manager.—The best inventive talent of the present century has been employed in the perfection of gas-engines for pumping and power purposes, and every year a marked advance has been made. Standing in the front rank of manufacturers in this branch of industry in this city is the Economic Gas-Engine Co., whose headquarters are at No. 34 Dey Street. This company was incorporated in 1881, under the laws of the State of New York, and has gained a national reputation as manufacturers of improved gas-engines for power and pumping and hand force-pumps. The president of the company is Mr. Geo. B. Post, the well-known architect of this city, while the management of the business is under the exclusive control of Mr. L. B. Hoit, who is thoroughly experienced in this branch of manufacture, and understands perfectly every need and requirement of the trade. The business premises at the address above indicated are spacious in size, eligibly located for trade purposes, and every modern facility is at hand for conducting the business under the most favorable conditions, and for insuring the prompt and perfect fulfilment of all orders. The success of the company in introducing their engines has been emphatic and pronounced, and serves as the best possible proof of the unquestioned merit of the product. Over six hundred of these engines are now in use in New York City, while they are in large and steadily increasing

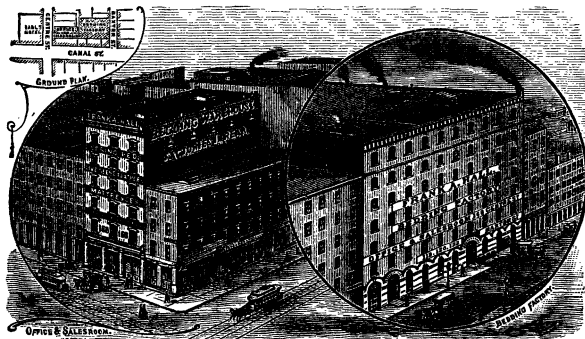


demand in all parts of the United States. This recognition has been fully merited, as the management has been untiring in its efforts to construct the best gas-engine in the market. The secret of their success rests with the words economy, simplicity, and durability. Among the patrons of the company using these engines at their residence are Mr. W. Y. Mortimer, Messrs. Goelet & Co., W. H. Goodby, and Geo. H. Brown, of this city; and Andrew Carnegie, of Pittsburg, but now a resident of this city; as well as hundreds of others. The company respectfully invites those who are in need of a pumping or power engine to inspect the gas-engines at their salesrooms before purchasing. Every advantage is granted to customers that is embraced in reliable goods and liberality of terms and prices, and business relations with the house invariably prove pleasant, profitable, and lasting.

STANDARD FIREWORKS CO., Manufacturers, Importers, and Patentees, All-colored Fireworks, No. 6 Park Place.—The leading headquarters for colored fireworks in this city is the establishment of the Standard Fireworks Company. This company have a reputation and a trade practically world-wide as manufacturers, importers, and patentees of all-colored fireworks of the finest quality. The foundation of this extensive business was laid in this city sixty years ago, by Mr. J. W. Hadfield, who afterwards admitted his son, Mr. Henry Hadfield, to partnership under the firm name of J. W. Hadfield & Son. In 1885 this firm combined their business with that of Mr. C. B. Bidwell, who had been engaged in the same line for fifteen years at Middletown, Conn., and formed the present company, with Messrs. C. B. Bidwell, Henry Hadfield, and J. W. Hadfield as pyrotechnists. Their factory is located at East Williamsburgh, L. I., where they give constant employment to seventy-five hands. The force of managing pyrotechnists of this company, combining sixty years' experience, with a perfect knowledge of chemistry, stand unchallenged as the leading as well as the oldest artists in their profession. To meet the constantly increasing demand for their productions, the company have added their new factory, which is perfectly equipped and splendidly appointed with all modern improvements. At their warerooms they have the most extensive and finest assorted stock of colored fireworks in the world, making nothing but all-colored fireworks, of which they are the originators and patentees. These are acknowledged to be the most brilliantly colored and perfectly acting pyrotechnics extant. This company have a number of new goods and novelties for this season which are worthy of special mention, prominent among them being Chinese Animalettes, which are entirely new, throwing off a profusion of various-colored fires, which form into shapes of flies, reptiles, etc., burning from two to ten minutes, and making a very attractive fireworks toy; rainbow candles, a novelty consisting of a round case with handle, which is held in the hand when fired, each shot throwing seven balls of spreading fire into the air, showing several colors with corresponding trails of fire following, the combination representing a rainbow in all its beauty; bombettes, novel and eccentric, beginning with report which projects a case and trail of fire high in the air, ending with a report and a shower of fires which assume unique shapes, and very brilliant; union lights, a very attractive fireworks, containing three distinct colors, which change several times while burning; also, repeating bombettes, small colored fires, and penny flower-pots. This company also exhibit new rockets, which are special compositions, the result of a series of experiments by Messrs. Hadfield and Bidwell, and are not made by any other manufacturer of fireworks, including telescope magnesium rockets, revolving comet rockets, electric bouquet rockets, and double-header repeating rockets. Their assortments for lawn or beach, political or private displays, comprising the most beautiful effects of the pyrotechnic art, in all diversities of colors, are the most complete and magnificent extant, and are shipped promptly on receipt of mail or wire orders, packed in neat wooden cases. Estimates for private or public exhibitions from \$200 up are furnished on application. The trade of this house is immense, not only in all parts of this country, but throughout South America, Canada, and other foreign countries.

H. F. TAINTOR, English Cliffstone Paris White, Whiting, etc., No. 281 Pearl Street. Factory, Greenpoint, L. I.—The inception of this house dates back to some thirty years ago when it was founded by Thos. Weddle & Co., and was conducted by them until 1877, when the present proprietor came into the sole control. Mr. Taintor is prosecuting a general business as a manufacturer of and dealer in Paris white, whiting, paints, leads and oils, making leading specialties of Westminster Paris White and English Cliffstone Paris white, both of which are celebrated for their excellent qualities. The factory is located at Greenpoint, L. I., the plant being very extensive and the equipment perfect, and employment is furnished a force of upward of sixty skilled workmen. Only the finest and most carefully selected materials enter into the manufacture and the goods turned out are noted for reliability and general superiority. The salesroom in this city contains a heavy stock of these fine productions and every facility is possessed for promptly meeting the demands of the trade, which is exclusively wholesale and reaches to all parts of the United States. Mr. Taintor, who is a native of Buffalo, N. Y., is thoroughly experienced in his department of industrial activity.

FRANK A. HALL, Manufacturer of Spring Mattresses and Bedding, and Preparer of Live Geese Feathers for Bedding Purposes, No. 168 Centre Street, near Canal Street.—One of the most extensive manufacturing establishments of the kind in New York, which has done much to advance the material growth and prosperity of the city, is that of Frank A. Hall, the familiarly known manufacturer of spring mattresses and bedding. Since the invention of spring mattresses the improvements have been numerous and of the most valuable character, and the productions of to-day may be said to be perfect in every particular. There is no house in the country that has done more to attain this desirable result than that which forms the subject of the present sketch, and which has witnessed all the revolutions that have taken place in the industry during the past sixty years. The business was originally founded in 1828 by D. K.



Hall, who continued it for many years, when he was succeeded by Messrs. Hall & Stephen, Mr. Frank A. Hall being the leading partner, and the enterprise was conducted under their joint control until 1883, when Mr. Hall succeeded to the entire ownership. The history of the concern shows a continual development of resources, and a steady augmentation of the permanent trade long since acquired. The extensive salesroom is located at No. 168 Centre Street, near Canal Street, a six-story building, which has dimensions of 30x125 feet, and runs through to Nos. 118, 120, and 122 Baxter, a seven-story building, 75x90 feet, where the factory is situated, and where employment is given a force of one hundred and fifty hands. This building is supplied with two steam elevators, and machinery of various kinds driven by large steam engines, which adds to the rapidity of production. In addition to this factory, Mr. Hall owns the Howard Mills at Southfields, N. Y., where he has one of the finest water-powers in the State. At this mill are made wood work for spring beds, and the well-known elastic cotton lap mattresses, and other material for use in the business. Every facility is possessed to aid in a perfect production, and the goods turned out comprise every description of spring mattresses and bedding, feathers and down, iron and brass bedsteads, and the Dunks' Noiseless Spring Bed, and Swinging and Eastern Woven Wire Spring Bed, of which Mr. Hall is the sole manufacturer. The salesroom is filled with a heavy stock of these choice goods, and all orders are promptly filled on most favorable terms. Mr. Hall, who is highly respected in commercial and social circles, attends personally to the direction of his affairs, and is known for his honorable and liberal business policy.

A. T. SERRELL & SON, New York Moulding Mill, Doors, Sash, Blinds, Trimmings, Carpenters' Specialties, etc. Eleventh Avenue and Fifty-eighth Street.—Few branches of industrial activity have had such a marked effect in contributing to domestic refinement and elegance as that engaged in the production of house mouldings. The oldest and undoubtedly the most prominent representative of this industry in the country is the establishment of Messrs. A. T. Serrell & Son, known as the New York Moulding Mill, and located at Eleventh Avenue and Fifty-eighth Street. Mr. A. T. Serrell was the originator of a machine to manufacture mouldings, and the first house ever trimmed with them is situated at the corner of Fourth and Wooster Streets, which was built in 1846. The first public building ever trimmed with moulding is the City Hall, Brooklyn, in 1847. The Crystal Palace was also furnished with moulding by this house about 1850. This firm possesses a reputation and a trade co-extensive with the country, as manufact-

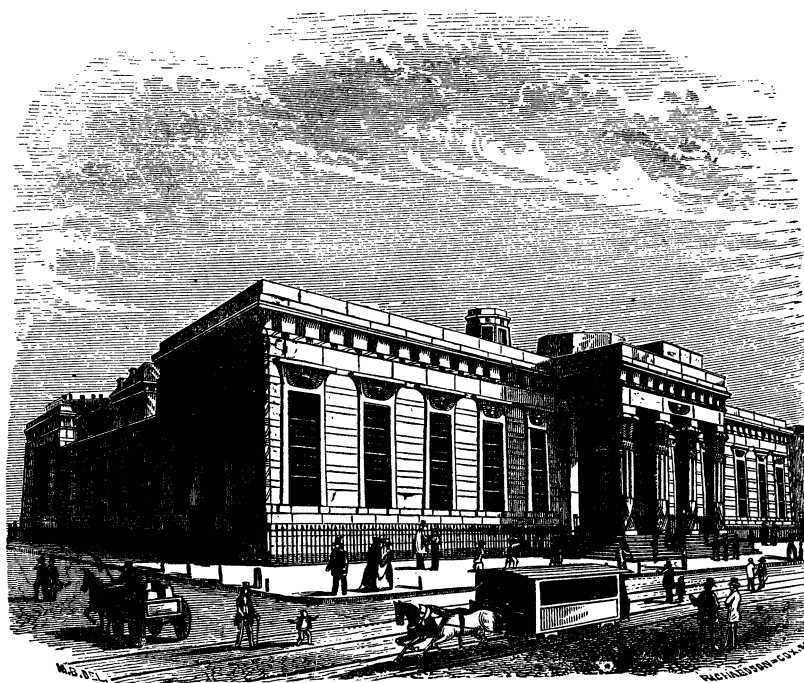
urers of doors, sash, blinds, trimmings, carpenters' specialties, cabinet trim, and all kinds of veneered work, church window frames, and church work of all descriptions. This enterprise was inaugurated September 1, 1846, by Mr. A. T. Serrell, who is widely prominent as being the first inventor to place first-class mouldings upon the market. The present firm was organized in 1864 by the admission of Mr. A. W. Serrell to partnership. The mill contains two floors and a basement, measuring 75x100 feet, building and boiler-room 100x100, and is equipped with all the latest improved machinery and appliances known to the trade, operated by a 60-horse power steam engine, and employment is furnished to from thirty to forty skilled and expert workmen. The specialties of this responsible and popular house are absolutely unsurpassed for elegance, quality of materials, style, and fine finish, and are the embodiments of mechanical skill of the highest order of perfection. In many markets they are preferred to the productions of any other house, and in this city they practically supplant all similar goods. Turning, sawing, and planing of all kinds is promptly and skilfully performed, and the facilities for the rapid and satisfactory execution of all orders and commissions are of the most perfect character. The lengthened experience in the business and the comprehensive knowledge of the wants of the trade possessed by the firm render them especially competent to grant every advantage possible to their patrons, and to offer inducements in the way of guaranteed work, reliable goods, and equitable prices that challenge comparison and defy successful competition. The senior partner and founder of the business is a native of London, England, still active, energetic, and aggressive in advancing the interests of this enterprise, and recognized in this city as a gentleman of high reputation as an inventor and manufacturer. His son, Mr. A. W. Serrell, was born in this city, trained in the business in which he is engaged from his youth up, and combining to form a firm of commanding prominence and well-merited popularity.

KEARNEY & FOOT CO., Manufacturers of Files and Rasps. Office No. 101 Chambers Street.—The leading headquarters for supplying the trade in Files and Rasps in this city is the office of the well-known Kearney & Foot Co., located at No. 101 Chambers Street. This corporation has a reputation and a trade co-extensive not only with this country but extending to many foreign nations. Their works are situated at Paterson, N. J., and are recognized as among the largest and best equipped of the kind in the country. The company founded its business in 1877, and is officered as follows, viz.: President and Treasurer, James D. Foot; Vice-President and General Manager, James Kearney; Secretary, Sandford D. Foot. The president of the company is in personal charge of the New York office, and is a gentleman of large business experience and of high repute and standing in the commercial circles of the metropolis. The labors of the army of workmen employed at the factory are greatly facilitated by the use of specially improved machinery invented for the purpose, which is remarkably ingenious and has served to place this concern upon a footing with its most formidable competitors in any part of the world, as regards the ability for rapid and perfect production, and is aiding the company to produce a file which takes no second place when pitted against any file with which it may be brought into just competition. The raw material used is the best English and American steel, and in the selection of it the utmost care is exercised and only such used as can withstand the severest tests. The output is one of great magnitude and importance, and comprises all the various grades of cuts, known as rough, bastard, second cut, smooth, and dead smooth,—as also the leading shapes, flat, half-round, hand, pillar, equalling, cotter, square, round, three-square, mill saw, taper-saw, slim taper-saw, double-cut taper-saw, crossing, cabinet rasps, cabinet files, wood rasps, warding files, and joint files. All these files and rasps are guaranteed as to quality, and are recognized as unexcelled either for workmanship, finish, or durability by any other house extant. A ready market is found for these goods in all sections of the United States, and a heavy export trade is enjoyed with many foreign nations. All orders by mail or telegraph are promptly attended to at the New York office, and are filled direct from the factory. Customers in all parts of the country may fully rely on the ability of this company to make such selections as will satisfactorily meet all requirements of the trade and the public. The characteristics which have ever regulated the business policy of this responsible house are such as to entitle it to universal respect and consideration.

JOHAN T. HUNER & Co., Importers, Commission Merchants, and Wholesale Grocers, No. 174 Duane Street.—The wholesale grocery trade has long constituted one of the leading factors in the commercial growth and importance of this great business centre, and in its prosecution will be found profitably employed many of the ablest city merchants. Among the prominent houses in this line is that of Messrs. John T. Huner & Co., importers, commission merchants, and wholesale dealers in staple and fancy groceries at No. 174 Duane Street. This house was founded under the present auspices in 1855, and from its inception the business has been characterized by a substantial and rapid growth. The spacious premises consist of four floors and a basement, 25x125 feet each in dimensions. The general arrangement is systematic and convenient, and all requisite facilities are supplied for the advantageous handling and display of goods. The stock carried is large, comprehensive, and complete in every department, and includes everything pertaining to the staple and fancy grocery trade. The firm are importers of table luxuries, and also do a large business in the com-

consequence of their influential connections and facilities they promptly fill the largest orders, an advantage that the trade is quick to appreciate. Messrs. J. N. Harris & Co. employ ten salesmen, assistants, etc., and own several first-class fishing boats. Their stall is fully supplied with every convenience, and they have ten floats in the basement for storing fish. Both partners were born in Brooklyn. They are highly regarded in mercantile circles for their sound business principles, enterprise, and just methods, and have gained the confidence of all with whom they have commercial relations.

W J. TIEBOUT, Manufacturers of Brass, Galvanized and Ship Chandlery Hardware, Nos. 16 and 18 Chambers Street.—The leading house engaged in the manufacture of brass, galvanized and ship chandlery hardware is that of Messrs. W. J. Tiebout, whose salesrooms are so centrally located at Nos. 16 and 18 Chambers Street. Mr. John Tiebout founded the business in 1853, and conducted it upon a basis of efficiency that



1860—Halls of Justice, or Tombs.

mission handling of all kinds of farm and dairy products, and the voluminous and fast increasing general trade reaches over a wide territory, representing an annual business of most prosperous aggregate. Messrs. J. T. Huner and J. Wettje compose the firm. Both are active and experienced New York business men, who, by their well-directed efforts, have already won a position among the foremost metropolitan merchants in their line.

J N. HARRIS & CO., Wholesale Dealers in Fresh Fish, Lobsters, and Green Turtle, No. 3 Fulton Market.—One of the best-known, most reliable, and oldest established houses in New York, actively engaged in the wholesale fish trade is that of Messrs. J. N. Harris & Co., whose office and stall are located at No. 3 Fulton Market. This business was established in 1857 by Baker & Comstock, who were succeeded by Baker & Co. Eventually, in 1873, the present firm assumed the management, the copartners being Messrs. J. N. Harris and E. R. Sammis. Both partners have had great experience in the fish trade, and are fully conversant with every detail and the requirements of customers. They deal largely in all kinds of fresh fish of the finest quality, including mackerel, cod, halibut, herring, salmon, trout, white fish, lobsters, and green turtle, which are offered to patrons at the lowest market prices. In

resulted in the rapid growth of trade. In 1859, his father, Mr. W. Tiebout, was admitted into copartnership, the firm thus continuing until his lamented decease in 1873. Since that date Mr. J. Tiebout has remained sole proprietor, retaining the honored firm-name and developing a trade of enormous magnitude. His experience is widespread, his facilities perfected, and his connections most influential. His manufactory is located at the corner of Mangin and Stanton Streets, occupying a double four and five story building 60x60 in dimensions, and fitted up with improved machinery and appliances, including the best galvanizing facilities in the city. From fifty to sixty hands here find steady employment in the production of all kinds of brass, galvanized, and ship-chandlery hardware. Only the best materials are used, and the closest supervision is exercised to maintain the highest standard of excellence. The results that are achieved are deeply gratifying. At Chambers Street is carried one of the largest and finest stock of its kind in the United States—one that commands the attention of the trade generally, and is found to best answer the requirements of the public. Mr. Tiebout was born in this city, and is an honorable, enterprising business man, who has ever retained the confidence of leading commercial circles, and has reared in the metropolis a concern which is a pleasing exhibit of her industrial resources.

A LLEN & GINTER, Manufacturers of Cigarettes and Smoking Tobaccos, Richmond, Virginia; New York Depot, No. 23 Warren Street; G. W. Augustin, Manager.—The firm-name of Allen & Ginter is celebrated throughout the world as that of the leading manufacturers of cigarettes and smoking tobaccos. Their fame is based strictly upon the merits of their goods, which are pronounced unrivalled by the most critical experts. There are few, indeed, who cannot speak from personal test of the superiority of such delicious fragrant cigarettes as "Richmond Straight Cuts," "Pets," "Richmond Gems," etc.; while in smoking tobaccos their "Richmond Gem," Curly Cut, and Straight Cut have an equally wide consumption. The great house of Allen & Ginter was founded in Richmond, Va., upwards of twenty-five years ago, to engage in the manufacture of the famous Danville and Lynchburg bright leaf tobaccos. The success achieved has been as phenomenal as it is well deserved. To-day the house ranks first every way, and the partners, Mr. Lewis Ginter and Mr. John Pope, are worthy exponents of one of the leading American industries. The works at Richmond are most extensive, from 1200 to 1500 hands being employed, and the outfit of machinery for making cigarettes, etc., the finest in the world. The trade developed is of enormous magnitude, including the biggest United States export consumption of any house in existence. In 1866 it became necessary to open an agency in this city, and so vast has been the expansion of the business, that in 1886 the firm opened a branch house here, under the able and enterprising management of Mr. G. W. Augustin, a gentleman possessed of over thirty years' practical experience in the wholesale trade in tobaccos, etc., and is noted for superior executive abilities, and for his widespread and influential connections. He is steadily enlarging the sales of these splendid goods, of which he at all times carries a full stock in their warehouse, No. 23 Warren Street. It is needless to more than refer to the superiority of Messrs. Allen & Ginter's cigarettes and tobaccos. The cigarettes have received the highest awards at the International Exhibitions of Philadelphia, Paris, Sydney, Melbourne, New Orleans, etc. While adulterated brands of other American makers have been prohibited in Great Britain, Messrs. Allen & Ginter's absolutely pure goods have attained the largest popular sale ever known in cigarettes in that country, and with a steadily increasing demand, to meet which a depot has been established in London, at No. 55 Holborn Viaduct. The cigarettes are manufactured in a variety of styles and degrees of strength to suit all tastes, while the strictly tasteless French rice-paper is made in France especially for the firm's use. Its purity is renowned. In smoking tobaccos and cut plug tobaccos Mr. Augustin has the largest and finest stock in town, all of the firm's own manufacture; also the finest Turkish tobaccos, directly imported by the firm. The jobbing, grocery, and retail tobacco trade will find it pay to carry a full stock of these splendid cigarettes and tobaccos, which command the patronage of the best classes of the public, and invariably afford entire satisfaction. It is well understood that Allen & Ginter's goods are always maintained at the same high standard of excellence. Others may deteriorate, they never; and under the able guidance of Mr. Augustin, and in view of the inducements offered, the trade centred here is annually enlarging at a rapid ratio.

W HITNEY GLASS WORKS, Largest Manufacturers of Private Mould Ware in the United States; Office, No. 35 Murray Street.—Among the great staple American industries a prominent place is occupied by that devoted to the manufacture of glassware, which is a source of revenue of considerable magnitude. In this department of enterprise one of the oldest and leading houses in the United States is that of the Whitney Glass Works, with offices at Nos. 227 So. Front Street, Philadelphia, and No. 35 Murray Street, N. Y. Their extensive factory is at Glassboro, N. J., where employment is afforded a large force of skilled artisans. The history of this house extends over a period dating before the Declaration of American Independence, the industry having been inaugurated in 1775, and its productions, which are now sold not only in all parts of the Union, but are exported in heavy shipments to other countries, have ever borne a standard reputation for their reliability and general superiority. The proprietors of the works, Messrs. John P. Whitney and Thos. W. Synnot, are among the foremost business men and leading citizens of the Quaker City. The branch house in this city at No. 35 Murray Street was opened three years ago, and has been very successful from the outset. It is in charge of Mr. Walter B. Wills, an active, experienced business man, under whose energetic management the trade of the house is

being augmented to proportions of still greater importance. The sales-room is filled with a splendid sample stock of the fine mould glassware made at the Whitney Glass Works, the assortment comprising bottles of every description, kind, and color, the goods being the finest of the kind in the market. Special estimates are made and samples sent on application.

J OHN J. BLOOMFIELD, Manufacturing Stationer and Printer, No. 70 Chambers Street.—For the past thirty-five years Mr. John J. Bloomfield has been one of the most noted business men carrying on business in Chambers Street as a manufacturing stationer and printer. Mr. Bloomfield established this business through his own thrift, ability, earnest and untiring work, and to him belongs the credit of its success. He is now enjoying a very extensive and in every way a satisfactory patronage as a manufacturer of blank books and stationery of every description. His store, which is 20x40 feet in dimensions is a complete depot for everything in this line. All articles in connection with this line of goods can be found here at all times in endless variety, and the prices are such that buyers will find it to their advantage to give him a call before purchasing. The store, which is admirably arranged and fitted up, and well kept, is replete with a well selected stock of stationery goods of all kinds. Blank and other books of every description are made to order promptly and cheaply, and all kinds of book and job-printing are executed with neatness and dispatch. The facilities of the house for satisfactorily carrying out all orders are of the most ample and perfect character. Mr. Bloomfield stands high in the trade as one who fully knows his business and attends to it. He is a native of the city wherein he has been so long a prominent merchant. In commercial circles he has earned an enviable reputation as an honorable and reliable gentleman, whose engagements are always promptly met, and whose responsibility is beyond question.

F RED. MOMPERS SON, Manufacturer of Tortoise Shell Goods, Railroad Depot, White and Centre Streets, Room 29.—The pioneer house in the manufacture of tortoise shell goods combs and small novelties, in this city, is that conducted by Mr. Joseph N. Momper, under the title of Fred. Momper's Son. This house was founded in 1856, by Mr. Fred. Momper, who was succeeded by the present proprietor in 1881, the latter having been connected with the house since 1870. The premises occupied for manufacturing purposes are spacious in size and admirably arranged and equipped with new and improved machinery, operated by steam-power, and employment is given to some ten skilled and expert hands. Mr. Momper is a gentleman of large practical skill, thoroughly conversant with every detail of the business and the requirements of the trade, and is constantly placing before the trade original designs and valuable novelties. His long experience and thorough appreciation of what constitutes symmetry and beauty of design in shell goods, combs, and small novelties, have given his output a decided superiority. As a result these goods are in constant and increasing demand throughout the United States. The trade is recommended to visit or correspond with this establishment, as they are sure to find here that the advantages derived therefrom will in every instance rebound to their profit. Mr. Momper is a native of this city, and is in a position to commend himself and his establishment to the implicit confidence of the trade.

A. E. WRIGHT, Lumber and Mouldings, Nos. 136 to 144 West Thirty-eighth Street.—The mention of the house of Mr. A. E. Wright in lumber circles carries with it a prestige and confidence enjoyed in greater degree by none in this city. This house was founded here twenty years ago and has become a leading headquarters for both hard and soft lumber, mouldings, and other building materials. Having intimate relations with all the largest manufacturers in the lumber regions, he is in a position to deal with the public upon the most advantageous terms, resulting long ago in a large and constantly-growing business. The premises occupied by the business comprise a lumber yard 100x125 feet with suitable buildings for drying and storage of supplies, and unsurpassed facilities are at hand for conducting the business upon a large scale. The demands upon the resources of the house are such that an extensive stock of lumber and mouldings is constantly carried, to the end that no delay may be experienced in the filling of orders, and the prices which prevail are invariably low and attractive. Mr. Wright is a native of New Hampshire.

S. S. PICKEN, Wholesale Dealer in Teas, No. 81 Warren Street. After May 1st, No. 144 Reade Street.—Of all the various articles comprehended in the food-supply trade there are none harder to procure in pure, fresh quality than teas, and much care must be exercised by the grocer in selecting his supplies from a reliable source. A wholesale tea-house bearing an enviable reputation in the trade, and which is entitled to favorable notice in this volume, is that of Mr. S. S. Picken, of No. 81 Warren Street. The business of this concern was inaugurated in 1870 by Messrs. Magey & Picken, Mr. Picken succeeding to the entire control in 1876. This gentleman brings to bear in his management a long and valuable experience in this branch of trade, and he has built up a most extensive business connection throughout New York and the adjoining States. The premises now occupied comprise a commodious store and basement, 25x80 feet in dimensions, admirably fitted up for the storage and handling of goods, while a large stock is constantly carried to meet all the demands of the trade. The stock comprises new season teas of all kinds, Oolong, English Breakfast, Japan, Young Hyson, Gunpowder, Imperial, Pekoe, Souchong, etc., all received direct from the principal sources of production, and guaranteed to be strictly fresh, pure, and reliable. Every facility is possessed for the prompt transaction of business, and orders are satisfactorily filled on the most favorable terms, while shipments of goods are made without delay. Mr. Picken is a native of New York, well and favorably known in mercantile and social circles, and is a gentleman of sterling probity, and the most commendable personal attributes of character. To better facilitate his extended business, Mr. Picken will remove about May 1st to No. 144 Reade Street, where an ample and convenient establishment will be occupied. Dealers should make a special note of this removal.

JOHNSTON & NORTH, Canned Goods, No. 342 Greenwich Street.—The trade in canned goods has developed to proportions of enormous magnitude, and has become one of the great staple branches of New York's commercial activity. Prominent among the leading houses who have materially contributed to the prosperity of this trade is that of Messrs. Johnston & North, the widely and favorably-known canned-goods brokers of No. 342 Greenwich Street. The partners, Mr. E. M. Johnston and Mr. A. L. North, founded the business in 1875, and have established widespread relations and influential connections, doing the leading trade in their line. Their facilities are perfect, representing as they do many of the most famous packers and canners of food products on the continent. Their warehouse is centrally located at No. 342 Greenwich Street, where they carry a very large and comprehensive sample stock of fruits, vegetables, fish, meats, etc., of the highest grades, and which, quality considered, cannot be duplicated elsewhere. No other house in town offers such substantial inducements to the trade, for on their lists will be found the most popular brands of the most celebrated packers—goods that sell rapidly, and afford universal satisfaction. As commission-merchants, Messrs. Johnston & North have exceptional facilities for the handling and prompt disposal of the largest consignments of canned goods and food products, and have developed an important export connection. The partners are merchants of the highest responsibility, who have ever retained the confidence of leading commercial circles.

JOHAN H. GRAHAM & CO., Hardware Manufacturers' Agents, Nos. 113 Chambers and 95 Reade Streets.—The large commission hardware establishment of Messrs. John H. Graham & Co. of this city is enjoying a reputation and a trade that is the best possible illustration of what enterprise, push, and well-directed energy can do in placing a business house upon a solid and lasting foundation. The business was established in 1870 by Messrs. Graham & Haines, and conducted by them until 1884, when the present firm succeeded to the entire ownership, the copartners being Messrs. John H. Graham and his son W. A. Graham, both active, progressive, and representative New York business men. The trade of the house has been developed to proportions of importance, and now extends not only to all portions of the United States, but also to a number of other countries. The premises occupied for trade purposes comprise a store of spacious dimensions, running from No. 113 Chambers Street to No. 95 Reade Street, and supplied with every necessary convenience, the whole being arranged carefully and systematically. The several departments are filled with a heavy, elaborate stock, embracing builders and general hardware, shelf goods, locksmiths' and

butchers' supplies, cabinet hardware, carpenters', mechanics', and machinists' tools, table and pocket cutlery, garden implements, etc. Messrs. Graham & Co., receive their supplies from the leading manufacturers, for whom they are direct representatives, and the goods are the very best that the markets can afford. Employing ample capital, and commanding such advanced opportunities for the procurement of the standard makes of goods in every branch of their trade, the establishment of the Messrs. Graham may correctly be denominated a tower of strength in the field of commerce.

P. COX SHOE MANUFACTURING CO., No. 78 Reade, and No. 177 Church Street.—Among the many noteworthy manufacturers who have achieved fame and success in this line there are few, if, indeed, any known in the metropolis, who have so indelibly stamped their individuality on the public and their trade as Mr. P. Cox, the founder and the present virtual head of the widely and favorably known P. Cox Shoe Manufacturing Co., manufacturers of boys', youths', ladies', misses', and children's fine shoes, with huge and well equipped factories, located at Rochester and Fairport, this State, and whose products are by common consent the *NE PLUS ULTRA* in machine-made goods to-day offered for sale in this country. The P. Cox shoes are made from the very best material, and none but first-class hands are employed in their manufacture; while every detail as to quality and reliability of stock, character of workmanship, style and finish, is carefully supervised by experts before the goods are allowed out of the shop. This flourishing enterprise was started about twenty-three years ago by Mr. Cox, who commenced in a much more unpretentious way than his immense business now would indicate; Mr. Cox conducted the entire establishment alone up to a comparatively recent period, when he organized the P. Cox Shoe Manufacturing Co., of which he is the president and the chief moving spirit. The factories at Rochester and Fairport are both capacious structures, and are supplied with ample and excellent facilities, including full steam power and the latest improved machinery and general appurtenances, while a veritable little army of skilled hands are employed. The salesrooms in the city occupy a commodious floor and a basement and sub-basement, affording ample space for the storage and display of stock. A big stock is constantly carried on hand, while a large staff of clerks and salesmen are in service. Mr. Cox, the founder of this business, is a self-made man in the fullest sense of the term, having carved his way up from the ranks, and maintains an A1 standing in commercial life.

CHARLES KUNZE, Practical Engraver, Die Sinker, Tool Maker, and Manufacturer of Small Fancy Brass Goods, 209 Centre Street.—There is no profession more exacting in its demands or which requires more thorough training than that of the engraver and die-sinker. The follower of this occupation has the fullest scope for artistic possibilities. A gentleman who has acquired a deserved prominence and a high reputation for the excellence of his productions in this line is Mr. Charles Kunze, the well-known practical engraver, die-sinker, tool-maker, and manufacturer of small fancy brass goods, at No. 209 Centre Street. Mr. Kunze has had a practical experience of twenty-five years in this line, and established himself in business here in 1870. His establishment is one of the largest of its kind in the city, thoroughly equipped with new and improved machinery, operated by steam-power, and employment is given to twenty skilled and efficient workmen. He has every facility at hand for the production of work of a superior order, and is prepared to execute all kinds of engraving, guaranteeing the most artistic results in all cases. Special attention is paid to the cutting of medallion heads, portraits, and all kinds of dies and tools for jewellers' and fancy brass work. Plates and dies for embossing paper, etc., are promptly furnished; and also seal presses, moulds, stamps, dies, and plates for book-binders' work; and steel rolls are engraved to order. A heavy stock of fancy brass goods is constantly carried, as well as all other productions; and a very large and influential trade is enjoyed in all parts of the United States, and throughout Canada, Mexico, and South America, which is annually increasing in magnitude and importance under the stimulating effects of enterprise and reliable business management. All orders and commissions are given immediate attention, prices are placed at a fair and reasonable figure, and satisfaction is guaranteed. Mr. Kunze is a native of this city, and recognized as an accomplished master of his art and a reliable business man, with whom it is always a pleasure to deal.

B. L. SOLOMON'S SONS, Importers, Upholstery, Drapery Materials, Portières, Lace Curtains, etc., No. 29 Union Square, corner Sixteenth Street.—In tracing the rise and progress of the upholstery goods trade of New York and the country at large, it is noticeable from what an early date and how steadily, prominently, and successfully the eminent house of B. L. Solomon's Sons has maintained the lead in the van of progress, and largely contributed to the development of the refined tastes of the public for the richest and most beautiful creations of the looms of the world in this staple department of effort. It was as far back as 1834 that Mr. B. L. Solomon began the business, associating with himself later on Henry I. Hart, thus forming the well-known firm of Solomon & Hart. For a lengthy period the firm was located at No. 369 Broadway, and there throughout the "fifties" developed a large trade and a wide-spread influential connection. Their stock of freshly imported upholstery goods, paper-hangings, etc., was then admittedly the representative one. One of the firm always visited Europe at stated intervals, and made selections from the new products of the most famous European manufacturers; these goods invariably drew the leading trade buyers and the best circles of the New York public, who so well realized that nowhere else in America were such rich and exclusively original goods obtainable. The decease of Mr. Hart occurred in 1863, at which period Mr. Solomon B. Solomon and Mr. Jay H. Solomon, with their father as senior, formed the new firm of "B. L. Solomon & Sons." Mr. B. L. Solomon remained active until his final retirement in 1877. The firm now includes the two beforementioned Messrs. Solomon, a third brother, Mr. S. B. Solomon, and Mr. D. D. Earle, reorganizing under the present name of B. L. Solomon's Sons, retaining the honored name of the founder—a veritable trade-mark as regards all goods dealt in. The business has grown at the most rapid ratio and upon the substantial basis of merit. Since the fall of 1887 they have done strictly a wholesale trade. Their foreign connections are the most comprehensive and perfect of any house in America, the firm having branches in Vienna, Paris, Manchester, and Berlin. They are also the representatives of the famous Orinoka Mills of Philadelphia, which have achieved such an enviable reputation for their product. The New York house is most admirably located in the roomy floors of the modern-built, five-story structure, No. 29 Union Square, corner of Sixteenth Street, 30x150 feet in dimensions, and grandly fitted up throughout, the arrangements being perfect, and a thorough system of organization enforced, upwards of fifty clerks, salesmen, and porters being employed in the various departments. Here are displayed the finest stock and most comprehensive in the world of upholstery goods and curtain materials, including all newest designs and richest effects in silk velvets and other rich materials, figured goods, tapestries, and other high-art fabrics. Here are direct importations of all popular novelties in rich point-lace, Irish lace, oriental and curtain fabrics, the latest novelties in rich velvet, damask, brocade, and other draperies, etc., etc. Both as regards experience, facilities, and resources, the Messrs. Solomon have the distinctive pre-eminence. They may be said to have been brought up in the trade. Few have that close, intimate knowledge of rich fabrics and effects possessed by them; few the connections (in many cases exclusive) for obtaining same; and thus it is that the best class of the dry-goods and upholstery trade in the United States places its orders here, with the certainty of getting all that is new, rich, and novel in each season's designs and importations. The proprietors are gentlemen of highest executive abilities; their immense interests are controlled methodically, and with due regard to every feature and factor that can in any way promote the welfare of their numerous customers, thus permanently maintaining to New York the supremacy in one of the great staple branches of commerce.

HARRISON & CO., Makers of Cider and Cider Vinegar, No. 45 Harrison Street.—The extensive establishment conducted by Messrs. Harrison & Co., the well-known makers of cider and cider vinegar, at No. 45 Harrison Street, is a leading representative of a line of industry that has acquired great value and importance in this city, owing to her favorable situation for the shipment of supplies to all the various points of demand. The mills operated by the firm are situated at Canastota, Madison Co., N. Y., where they were established in 1857. The proprietors have had a wide and valuable experience, are thoroughly conversant with all the details and requirements of the business, and have long enjoyed

an enviable reputation for the purity and standard quality of their productions. Their mills afford constant employment to fifty skilled hands, whose duties are performed under expert supervision, and the output is one of great magnitude and value. The range of manufacture is limited to cider and cider vinegar, for which purpose the choicest stock is utilized, and the various processes are so intelligently and perfectly manipulated that the best possible results are always obtained. The vinegar is widely preferred by dealers on account of its salability and uniform excellence, is in high favor with housekeepers for table use, and is consumed in large quantities by picklers, who find its effects of the most satisfactory character. The cider is made in plain view of spectators, and is universally conceded to be one of the most wholesome and delicious beverages extant. The warehouse in this city consists of a five-story brick building, 26x100 feet in dimensions, where is constantly carried a very heavy and complete stock of these specialties, to meet the demands of the trade, which is large, first-class, and influential in this city and throughout the State. Five railroads entering at their mills afford unusual facilities for shipment of carloads, direct to destination, in all parts of the United States. All orders are promptly and carefully filled, and the prices which prevail are the lowest that can be legitimately afforded. Every advantage known to the trade is extended to patrons, whose best interests are the first care of the house in all its transactions. The proprietors, Messrs. Harrison & Co., are natives of New York State, and gentlemen of ability and experience, whose enterprise and honorable dealings fully entitle them to the large measure of success and popularity which they now enjoy.

J. M. YOUNG & CO., Importers of China and Glass, Statuary, etc. Nos. 37 and 39 Murray Street.—The trade in china and glass ware has attained vast proportions in the city of New York, and the leading establishment in the trade is that of Messrs. J. M. Young & Co., located at Nos. 37 and 39 Murray Street. Messrs. J. M. Young & Co., are importers of all kinds of china and glassware, French, English, and other foreign goods of the finest quality, and in their immense store one can find everything desired in this class of goods. The establishment covers an area of 50x100 feet, and comprises five floors and basement. It is filled with a bewildering assortment of beautiful and brilliant wares, in china and glass, majolica, Bohemian glass, German china, lava, bisquet and parian marble, statuary, etc. Great care has been taken in the selection of these goods, and dealers can always rest assured that supplies obtained from this house will bear the closest scrutiny. Besides their large collection of art goods and elegant china, Messrs. J. M. Young & Co. have also a large stock of the plainer varieties of the best quality, and their business is in all respects a most comprehensive one. It is entirely wholesale in its character, and the trade relations of the firm reach to all parts of the American continent. The firm employ a large number of assistants. This house had its beginning a quarter of a century ago, when it was founded by Mr. J. M. Young, who two years later, took into partnership his brother, Mr. Thomas, Young. Both these gentlemen are natives of Ireland and old residents in Brooklyn and New Jersey. The firm have gained the reputation of keeping the best goods, selling at reasonable prices, having the largest and greatest variety of stock, and being liberal and honorable in all dealings.

GRAEF & SCHMIDT, Manufacturers and Importers of Cutlery, No. 29 Warren Street.—Among the most active and enterprising manufacturers and importers of high-class cutlery are Messrs. Graef & Schmidt, of No. 29 Warren Street. They are old residents of this city, favorably known in commercial circles, and for a period of eleven years were connected as salesmen with the old house of Peters Bros. They thus possessed an intimate knowledge of the wants of the trade, when in 1884, they established in business upon their own account. They manufacture and import only the finest lines of pocket cutlery, butcher knives, scissors, razors, etc. They are the sole agents for the famous J. A. Henckels "Twins Brand" of cutlery, conceded by experts to be the *best grades* of fine goods now on this market, and which command the patronage of leading retailers in upper Broadway and all over the United States. For extra quality of steel blades, temper, high finish, and elaborate ornamentation, Messrs. Graef and Schmidt offer substantial inducements. While carrying low-priced goods of fine quality of blades, they can insure to jobbers and retailers quick-selling stocks that are sure to afford entire satisfaction.

HILL BROTHERS, Importers and Manufacturers of Millinery Goods, Nos. 564 and 566 Broadway, Corner Prince Street.—This firm have long enjoyed a national reputation as importers and manufacturers of millinery goods, while all the partners bring practical experience to bear, coupled with an intimate knowledge of every phase and feature of the wholesale millinery trade. The business was originally established in 1865 by Messrs. Hill and Kraft, and after some changes the present firm succeeded to the control in 1875. The building occupied by them is one of the handsomest and most imposing on this part of Broadway, and the splendid salesrooms of the firm run through to Crosby Street, being 250 feet in length, while the manufacturing department is thoroughly equipped with every modern improvement tending to facilitate rapid and perfect production, employment being furnished to

spect and consideration. The proprietors, Messrs. Wm. H., S. C., and S. B. Hill, are New Yorkers by birth and training, and known in this city as leading merchants and sound, substantial business men.

THE OAKLEY SOAP AND PERFUMERY CO., Manufacturers of Fine Toilet Soap and Perfumery, Nos. 122 and 124 Duane Street; John A. Oakley, President.—The Oakley Soap and Perfumery Company, successors to Jesse Oakley & Co., was duly incorporated in September, 1883, the officers being Mr. John A. Oakley, President, and Mr. A. P. Babcock, Secretary. Their works, admirably equipped with all the latest improved appliances, apparatus, and machinery, and furnishing constant employment to a strong force of experienced operators, are located in Jersey City. Wherever the soaps of the Oakley Company have been intro-



1860—Reformed Church, Madison Avenue.

one hundred and eighty-two skilled hands. As direct importers of fine millinery goods, this firm possess facilities unsurpassed by those of any of their contemporaries, and are constantly offering a large and varied assortment, representing the choicest fabrics and latest styles and novelties especially adapted to the wants of jobbers and retailers in all parts of the country. Here is, in fact, a vast stock of the finest millinery goods culled from the best markets of the world to enrich the storehouses of American dealers. Buying in enormous quantities from the most celebrated European houses, Messrs. Hill Brothers are widely noted for their splendid array of goods and the liberality of their terms and prices. All orders by mail, telephone, or telegraph are promptly and carefully attended to. The liberality and enterprise which have ever regulated the business policy of this popular house are such as to entitle it to universal re-

duced they have been found to be always uniform in quality, and entirely free from corrosive alkaline matter, which is so extremely detrimental for toilet purposes. The perfumery, odors, and bouquets of the company are absolutely unrivalled, while the prices quoted both for perfumery and toilet soaps are as low as those of other first-class houses. The Oakley toilet soaps and perfumery are kept constantly in stock by our leading dry-goods houses, chemists, druggists, etc., and are general favorites with the trade and public. Messrs. Oakley and Babcock, the officers, are highly regarded in mercantile circles. The trade of the Oakley Soap and Perfumery Company extends throughout all sections of the United States, while large quantities of the company's splendid soaps and perfumery are now exported to Canada and Mexico, the West Indies, and South America.

S. TRIER & SON, Manufacturers of Photographic Card Stock, No. 190 William Street.—The attention devoted to the production of photographic card stock of late years has resulted in the development of a very substantial and interesting branch of activity, as well as a notable improvement in the product; and in this connection special mention should be made of the house of Messrs. S. Trier & Son, the well-known manufacturers of Photographic card stock, whose factory is situated at the corner of Bushwick Avenue and McKibben Street, Brooklyn, E. D.; and whose main office and salesrooms are located at No. 190 William Street in this city. This is the oldest, as well as most prominent house in this line in the metropolis. It was founded twenty-five years ago by Mr. S. Trier, the present firm being organized in 1879 by the admission of Mr. Abraham S. Trier to partnership. The factory in Brooklyn gives steady employment to two hundred hands, and is equipped with every modern convenience and appliance calculated to facilitate rapid and perfect production. The premises occupied for trade purposes in this city comprise a store and basement, 25x100 feet each, and here is constantly carried a heavy and A1 stock of card board and photographic card stock to meet the demands of an extensive and first-class trade. Customers are here assured the best goods in the market, honorable dealing, and satisfactory attention, while the abundant resources and unequalled facilities of the firm enable it to grant advantages and benefits to patrons, as regards liberal terms and prices, which cannot be duplicated by rival concerns. The goods are shipped to all parts of the United States and Canada, and are widely preferred, as they are of standard quality and superior excellence. Mr. S. Trier, the founder of the business, is a native of Germany, and a resident of this city since 1851. His lengthened experience and comprehensive knowledge of all the details and requirements of the business is of the greatest value to the patrons of the house, and he is ably assisted by the junior partner, who combines to form a firm of recognized pre-eminence and solid worth.

C. UMMINGS H. TUCKER, Jr., Exporter Tools and Supplies for Railroads, Steamships, and Mines, No. 120 Liberty Street.—The unequalled advantages possessed by New York as the leading seaport town of America, and the splendid facilities possessed for transportation has made the metropolis the leading export city of the New World, and the energies of many of her ablest business men are directed in this department of commercial activity. Among the number must be included Mr. Cummings H. Tucker, Jr., whose headquarters are located at No. 120 Liberty Street. Mr. Tucker, with a thorough knowledge of his vocation, gained by years of experience, founded his business in June, 1885, and has since, through the active energy exercised in all his transactions, developed a large and steadily-growing patronage. He carries on a general line of operations as an exporter of tools and general machinery and supplies for railroads, steamships, mines, machinists, engineers, and manufacturers, handling only the finest productions in this class of goods. He has the most advantageous connections, secures the most reliable supplies from the leading manufacturers, and can offer inducements in prices difficult to be procured elsewhere. The best of facilities are possessed for the fulfillment of orders on the most satisfactory terms, and goods are shipped to all parts without delay. The trade of the house extends to all parts of the United States, South America, the West Indies, and Europe. Mr. Tucker, who is a native of New York, conducts his affairs with skill, judgment, and liberality, and the steady expansion of the volume of business enjoyed by him is thoroughly merited.

C. P. STAAB & CO., Manufacturers and Importers of Superior Brushes, Pencils, and Oil Colors, Nos. 108 and 110 Duane St.—Among the leading and representative metropolitan establishments devoted to the manufacture and importation of brushes, pencils, oil colors, etc., should be mentioned that of Messrs. C. P. Staab & Co., located at Nos. 108 and 110 Duane Street. This well-known house was founded in 1865 by Mr. Staab, who at this date began business at No. 518 Broadway, where for many years he was prosperously located. Three years since the now extensive business was removed to the present eligible site, where is occupied an entire floor, 50x125 feet in dimensions, systematic and convenient in arrangement, and equipped with all requisite facilities for the advantageous prosecution of the enterprise. A large force of ex-

perienced and skilful hands is employed in the various branches of the extensive business, and the productions of the house, as well as the goods of foreign make which are largely imported, have a standard value in the market. The house is the oldest in the city in the artists' materials line; the brushes manufactured are of superior quality, as are the pencils and colors; the latter are put up in patent collapsible tubes convenient for artists. The brushes are for gilders, grainers, varnishers, sign and coach painters, and are of the highest degree of excellence in every particular. The house trade extends to all parts of the country, and the general business is of most prosperous annual aggregate. Mr. Staab was born in Germany, and in early life acquired a thorough knowledge of his department of industry. Later, for ten years he was connected with one of the leading Parisian houses in this line, holding a prominent position in the trade until his departure for New York in 1848. Here his skill and aptitude soon secured for him a lucrative position with the celebrated Goupil & Co., which he resigned in 1865 to embark in the enterprise with which he has been both prominently and prosperously identified.

A. DAMS & CO., Manufacturers of Flint Glass Tableware and Lamps; New York Salesrooms, No. 45 Murray Street; E. L. Loudon, Eastern Agent.—Among the innumerable and varied articles produced in the United States which are constantly swelling our nation into greater magnitude and strength, not the least in importance are flint-glass tableware and lamps. The United States now produces a very good quality of these goods, and they are fast taking rank with the foremost articles imported from the most celebrated factories in Europe. At the establishment of Messrs. Adams & Co., will be found gathered some of the finest specimens of decorated glassware and lamps to be found in the country. The beauty and artistic taste displayed in these goods, must be seen to be appreciated, and we would advise each of our readers to examine the rich, rare and artistic articles contained in this stock, making an excellent line for the jobbing trade. All these goods are manufactured by the firm, whose factory is located at Pittsburgh, Pa. In 1885 they opened their New York Salesroom, of which Mr. E. L. Loudon became, in 1887, the agent. Mr. Loudon is a native of New York City, and a young, enterprising business man. The transactions of the concern are entirely of a wholesale character, and they extend to all parts of this country, and Canada. Dealers everywhere who have not yet extended to the firm their patronage will find it to their advantage to do so. The firm have gained a high reputation in the trade, and both they and their representative will be found liberal, prompt, and enterprising. Adams & Co., besides doing a large business in this country have a very important trade with Canada, and export largely to South America, West Indies, and Australia. Mr. Loudon is also agent for Messrs. Distinge & Co. of Pittsburgh, Pa. who manufacture fine decorated lamps, and a large line of decorated shades, flint chimneys, and novelties in opal goods.

L. EOPOLD AMAN, Storage in First-class Fire-proof Warehouses, Nos. 386 and 388 Greenwich Street, and 371 Washington Street.—The storage-warehouse interests of the city form a most valuable feature among the business enterprises of the metropolis. One of the leading concerns of the kind is that of Leopold Aman, whose extensive warehouses are located at Nos. 386 and 388 Greenwich Street, and 371 Washington Street. This establishment was founded twenty-five years ago by Mr. J. Mason Phillips, and conducted by him until 1885, when Mr. Aman succeeded to the control, and has brought the business to its present large dimensions by his ability and energy. The spacious premises utilized for the business consist of a building having five floors, each 30x100 feet in dimensions, and equipped throughout in the most approved modern style, being provided with elevators, burglar-alarms, fire-extinguishers, and all other necessary requisites, the accommodations being of the most perfect character. General merchandise of every description is received here and given careful storage for any length of time, while the charges are most liberal and reasonable. Goods are insured at lowest rates of premium, and all patrons have their interests carefully guarded. For references, the house mentions: E. S. Jaffray & Co., Knox & Woodward, and H. M. Taber & Co. Mr. Aman gives his personal attention to the management of his affairs, is highly esteemed as a man of sterling worth and ability, and his career in the metropolis has been an eminently successful and creditable one.

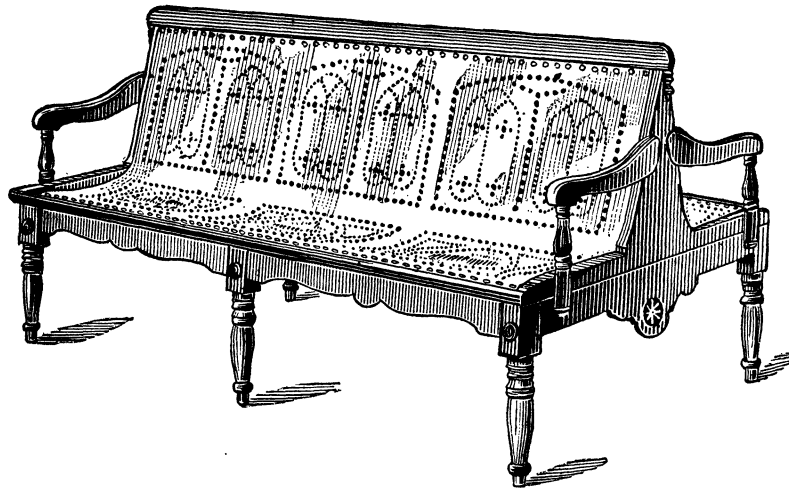
TIFFANY & CO., Jewelers, Silversmiths, etc., Union Square.—The name of Tiffany is a household word in America. For more than a generation it has been associated with all that is tasteful and elegant in articles of luxury for personal adornment. Its prestige is not confined to the United States, but extends to all parts of the civilized globe. The founder of the house of Tiffany & Co., of New York, London, and Paris, was Charles L. Tiffany, who was born at Killingly, Windham County, Conn., February 15, 1812. He is a descendant in the fifth generation of one of three brothers, natives of England, who were among the early settlers of New England. His great-grandfather and grandfather were natives of Massachusetts. In 1837, Mr. Charles L. Tiffany, a young man of twenty-five, without means but of good courage and business ability, first set foot in New York, then a thriving city of 230,000 inhabitants. He first commenced business with Mr. Young at No. 550 Broadway, dealing in fancy goods, such as bric-à-brac, Japanese novelties, cutlery, pottery, fans, Chinese goods, stationery, etc. Eventually the firm began to deal in jewelry. Gradually the articles displayed by them became more elegant and costly, and superior diamond specialties could be seen in their stock. In 1841 the firm became Tiffany, Young & Ellis, and a larger store was taken at No. 271 Broadway. During the troublesome times in 1848, diamonds declined about fifty per cent in Paris, and the house determined to invest largely in these gems. An old bill of Tiffany, Young & Ellis, dated 1848, has this heading: "English, French, German, Italian, Swiss, and Chinese goods; rich jewelry, watches, clocks, silverware, bronzes, and cutlery." In 1851 the firm decided to add to their already varied interests the manufacture of sterling silverware. About this time also they commenced to manufacture bronzes and artistic gas fixtures. In 1851 J. L. Ellis withdrew from the firm, and G. F. T. Reed, previously connected with the house of Lincoln, Reed & Co., leading jewelers of Boston, was admitted into partnership. A branch house was immediately established in Paris, with Mr. Reed as resident partner. The Paris branch was carried on under the name of Tiffany, Reed & Co., while the New York branch became Tiffany & Co. In 1854 the requirements of a growing business made another removal necessary, and a building was erected for their accommodation at No. 550 Broadway. Mr. Tiffany at the breaking out of the Civil War was the first to submit to the quartermaster-general a complete model of the equipments of the French army. The elegant show-rooms were transformed into a depot for military supplies. Flags, uniforms, ambulances, to be borne by horses or mules, and swords and trophies in great variety, were kept constantly on hand; and if a jewelled sword or memorial was desired as a recognition of heroic deeds, Tiffany & Co. were generally called upon to make it. Twenty thousand medals were made by them for the State of Ohio alone, and some of the swords of their workmanship cost \$2500. The zone of diamonds worn by the ill-fated Marie Antoinette was purchased by them in Paris, and at the sale of the diamonds of the Hungarian Prince Esterhazy they were among the largest buyers, their purchases amounting to upwards of \$100,000. In 1887 the firm were again the largest buyers of the celebrated French Crown Jewels; their purchases amounted to \$400,000. We would observe that in 1868 the business was duly incorporated under the laws of the State of New York, with ample capital, Mr. Chas. L. Tiffany being the president and treasurer. At the Centennial Exhibition the house of Tiffany & Co. showed some of the masterpieces of their art in the various departments, and were virtually without competitors. After an existence of half a century, the enterprise of the house of Tiffany & Co. is still unabated. Mr. Tiffany is now seventy-six, still retaining the elastic step and keen glance of the prime of manhood. He is a member of most of the prominent clubs of the city, being one of the founders of the Union League Club. He is a fellow of the Geographical Society, a trustee of the American Museum of Natural History and the Metropolitan Museum of Art, a member of the New York Historical Society, the Chamber of Commerce, the Union Club, the New York Club, New York Yacht Club, Jockey Club, South Side Club, West Island Club, Young Men's Christian Association, and other societies and institutions. It has ever been Mr. Tiffany's aim from the outset to fully satisfy every customer, on the sound doctrine of giving a good dollar's worth for a dollar.

STARIN & CO., Commission Dealer in Butter, Cheese, Eggs, Poultry, Game, Country Pork, etc., No. 98 Park Place.—Few, if any among the vast and varied branches of commercial activity that contribute to the aggregate of trade and commerce in the metropolis at the present day are of such surpassing importance as

the general produce interests. The transactions in dairy products, fruits, and vegetables, through the medium of the commission dealer alone, in this city reach immense proportions, while the trade affords evidence of constant and material increase annually. Engaged in this line New York contains, as it is needless to mention, some leading and representative concerns, prominent among which is the stable and reliable house of Starin & Co. (successors to D. D. Starin), commission-merchants, No. 98 Park Place, and which is one of the oldest, foremost, and best known establishments of the kind in this city; while the connections of the firm, which extend throughout the entire country, are of a most substantial and gratifying character. This widely and honorably known house was founded in 1853 by D. D. Starin (cousin to the present senior member), who conducted it up to 1887, when he was succeeded by the firm of Starin & Co., who have since continued the business with unbroken success. They handle everything comprehended in "country produce," on commission exclusively, receiving large consignments daily from all points in the State, West, and South, and make a special feature of furnishing immediate returns to shippers and consignors. The firm occupy the whole of a four-story 25x100 foot building, and carry constantly on hand a carefully assorted stock, comprising butter, cheese, eggs, poultry, country pork, game, nuts, fruits, and farm produce; while some eight or ten clerks and salesmen are in regular service, and the trade of the house, which extends all over the United States, is exceedingly heavy—being, in fact, fully commensurate with the name and standing of the firm.

JACOB WILSON & SON, Manufacturers of Blank-books, Account books, etc., No. 26 Cortlandt St.—Few departments of industrial and commercial activity have attained greater perfection or a more deserved reputation in the metropolis than that of blank-book manufacturing and its kindred branches. For over half a century Mr. Jacob Wilson has been engaged in the manufacture of fine account books. Over twenty-five years ago he began business on his own account as a manufacturer of blank-books. This enterprise has been carried on for eighteen years in the premises now occupied at No. 26 Cortlandt Street, corner of Church Street. In the year 1874 he admitted his son, Mr. Edward Wilson, into partnership, and from first to last the house has been accorded a liberal and influential patronage, owing to the unsurpassed character and quality of its various manufactures. The productions of this house are among the finest in the world, and include all kind of blank-books, day-books, ledgers, journals, flexible memoranda, etc. The firm were awarded the highest premiums at the old Crystal Palace, 1852, and American Institute Fairs, for the greatest general excellence in account books made to order. The firm employ between thirty and forty hands in manufacturing all kinds of account-books for the most prominent stationers, merchants, banks, and insurance companies in this and adjoining States. Life-insurance company and county work is made with extra strength and durability. From the very commencement of the business this house has successfully aimed at producing the highest quality of work only, and it has an unrivalled reputation for superior finish, quality, and workmanship, and thorough reliability of all goods sent out. The members of the firm are natives of this city, and rank foremost in their line of trade.

R. H. PECK, Commission Merchant, and Wholesale Dealer in Fine Butter and Cheese, No. 169 Chambers Street.—Among the active and enterprising city merchants in the produce commission trade should be mentioned Mr. R. H. Peck, commission and wholesale dealer in fine butter and cheese, etc., at No. 169 Chambers Street. Mr. Peck began business on the first of June, 1885, and by upright honorable dealing and well-directed management has secured a large and fast increasing patronage, and reared a general trade rivalling that of many of the much older houses. The premises occupied are commodious, and fitted up with all requisite business facilities, including telephonic connection throughout the city. Mr. Peck has a large circle of patrons among the producers of this and the adjoining States, from whom he receives daily large consignments of the staple commodities above enumerated, and with the extensive and liberal city trade enjoyed, the general business is of most prosperous aggregate. Mr. Peck offers as reference the N. Y. National Exchange Bank,—which is scarcely necessary, as he is well known in both city and country trade circles, and generally respected and esteemed as one of New York's ablest and deservedly successful commission-merchants.

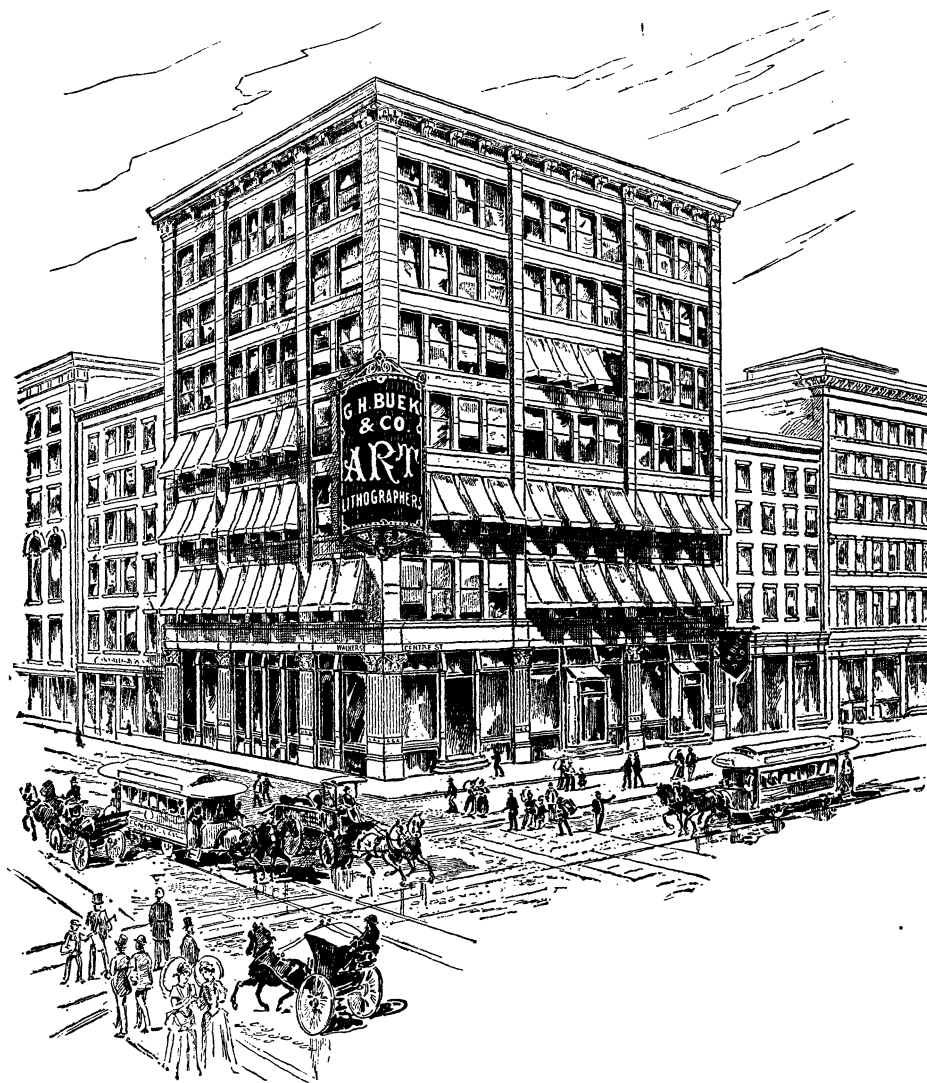


FROST VENEER SEATING CO., Manufacturers of Veneer Chair Seats, Settees, etc., No. 206 Canal Street; R. Van Dien, Manager.—A representative and successful corporation extensively engaged in the production of veneer chair-seats, etc., is that of the Frost Veneer Seating Co., whose office and salesrooms in New York are located at No. 206 Canal Street. The factories of the company are at Newport, Vt., and Sheboygan, Wis., and the cutting mills at Newport, Vt., Elcho and Elmhurst, Wis. The Frost Veneer Seating Company was duly incorporated in 1881 with ample capital, and since its organization at that period has obtained an influential and liberal patronage, not only in this country, but also abroad. The principal officers of the company are: George E. Frost, President; Edward Debell, Treasurer; and R. Van Dien, New York Manager, all of whom are highly esteemed in mercantile circles for their enterprise, industry, and integrity. The company employs in its factories and cutting mills 500 experienced operatives, who are constantly turning out vast quantities of veneer chair-seats, settees, ceilings, chairs, etc. These goods are absolutely unrivalled for finish, quality, utility, and uniform excellence, while the prices quoted for them are exceedingly moderate. All orders are promptly and carefully filled, and the trade of the company is steadily increasing, owing to the superiority and reliability of its productions, which are general favorites with the trade and public wherever introduced. In conclusion it may be justly stated, that the affairs of the Frost Veneer Seating Company are placed in able and careful hands, and it worthily maintains its lead in this useful and growing industry, reflecting the greatest credit on all concerned.

A. SLAUSON & CO., Wholesale Confectioners, Nos. 32 to 36 Dey Street.—For many years French manufacturers of candy and confectionery were considered the best in the world. Latterly, however, American confectioners have come to the front and their productions have proved quite equal if not superior to the best made abroad. American candies have found great favor already in London and other English cities for their novelty in design and excellence in flavor and finish. Many New York confectionery houses have a very considerable export trade, and it is but a matter of a little time when the sales of American candies in Paris will be greater than those of French candies in New York. A prominent and representative house actively engaged in this growing and important industry is that of Messrs. A. Slauson & Co., wholesale confectioners, whose office and factory are located at Nos. 32 to 36 Dey Street. This business was established in 1868 by the present copartners, Messrs. Albert and Austin M. Slauson and Robert H. Moses, all of whom are practical confectioners, fully versed in every detail and feature of this industry and the requirements of the trade in all sections of the country. The premises occupied comprise six floors, 75x80 feet in dimensions. The manufacturing departments are fully supplied with all the latest improved apparatus, appliances and machinery known to the trade. One hundred operatives are employed, and the machinery is driven by steam power. Messrs. A. Slauson & Co. manufacture lozenges, gum-drops, bon bons, dragee (or pan work) and in general a full line of fancy candies. Their specialty is the

manufacture of lozenges for which they have machinery of the most elaborate description, turning out many thousands of pounds each day. This machine work attains a precision and finish which cannot be otherwise equalled, and as only the finest of sugars and other choice materials are utilized the result is that the candy and confectionery made by this firm are unrivalled for quality, flavor, and uniform excellence. They have mills for pulverizing sugar which reduce it to the finest powder. In addition to supplying their own wants, these facilities enable the firm to do a large business in the sale of fine icing sugar, the use of which is almost universal among bakers and fancy confectioners. Another feature of the business of this firm is their vast assortment of sugar and crystal toys designed with special reference to holiday trade. Mr. Albert Slauson, the senior of the firm, was born in Greene County, Mr. Austin M. Slauson in Ulster County, and Mr. Robert H. Moses in Onondaga County, New York. They are highly regarded in mercantile circles for their sound business principles, enterprise, and integrity, and their prominent establishment gives every promise of continued prosperity in the future. The trade of this responsible firm now extends throughout all sections of the United States and is steadily increasing, owing to the superiority and excellence of its various productions.

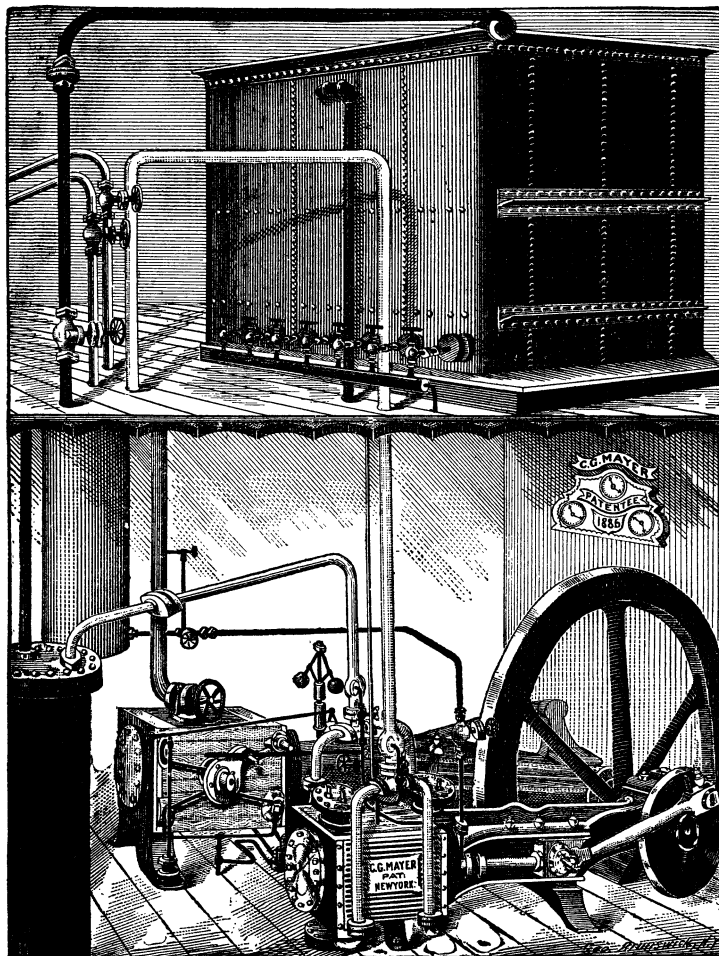
LAMB & RICH, Architects, Nos. 265 and 267 Broadway.—Among the reliable and popular members of the architectural profession in New York, is the widely known firm of Messrs. Lamb & Rich. Both partners after having received an excellent scientific education, studied with great zeal and energy, and acquired a thorough knowledge of architecture in all its branches. In 1880 they formed the present copartnership, and now include among their patrons many leading property owners, builders, capitalists and citizens, erecting stores, offices, and private residences. They have designed the plans and supervised the construction of a number of dwellings, flats, business blocks, warehouses, school-houses, churches, etc., in various sections of New York, Brooklyn, and the neighboring cities. Messrs. Lamb & Rich are noted for embodying in their plans all the suggestions of owners and for estimating in an accurate manner, so as to avoid bills of extras very often caused through architects' defective calculations. Closely adhering to specifications and exercising a careful supervision over all the details of construction, the buildings which pass from their hands are perfect and substantial, creditable to them as architects, and affording every satisfaction to owners. Messrs. Lamb & Rich have latterly designed and erected the following, viz.: Pratt Institution, Brooklyn; Stores opposite St. Nicholas Hotel, New York; Mt. Morris Safe Deposit Vaults; Strassmore flats; H. O. Armorer's residence; Astral Tenement buildings, Brooklyn; Commonwealth Opera House, and many other public and private buildings in Staten Island and New Jersey. Mr. Hugh Lamb was born in Orange, N. Y., while Mr. Charles A. Rich is a native of Boston, Mass., and received his education in Europe. They promptly prepare plans and estimates, and both as regards ability and integrity are well qualified to undertake and carry through to a successful issue the most important private or public architectural enterprises in any part of the country.



G. H. BUEK & CO., Lithographers, Nos. 146 to 150 Centre Street.—In reviewing the various industries that have made New York the metropolis of the United States, it is instructive to note the advances that have been made in the different lines of art reproduction. The growth of the lithographic interests may be said to have attained great proportions, both in the number of establishments, as well as in the quality of the work produced. A prominent and progressive house actively engaged in this artistic industry is that of Messrs. G. H. Buek & Co., whose office, art and printing departments are located at Nos. 146, 148, and 150 Centre Street. This business was established in 1881 by G. H. Buek and F. H. Lindner, two well-known lithographic artists, and the firm was known as Buek & Lindner until 1884, when upon the retirement of Mr. Lindner the present firm of G. H. Buek & Co. was established, it now consisting of G. H. Buek and Léon Marié. This establishment is admirably equipped with the latest improved Hoe lithographic presses and other machinery and appliances necessary for the successful prosecution of the business. The firm makes a specialty of the finest class of commercial color work, as well as a higher grade of work, such as their well-known fac-simile reproductions of water-color drawings, which require the highest class of skilled workmanship, and a technical knowledge for its direction that can be had only after many years of practical experience, and which have given them a deserved reputation for superior art-work. It should also here be said to the credit of this house, that they have made the getting up of original designs a feature of their business,

as they not only have competent designs of their own in their art-department, but have secured the co-operation of some of the best known artists in the city as well. The firm is highly esteemed in mercantile circles for its enterprise and skill, justly meriting the abundant success achieved by it in this valuable and artistic industry.

CHAS. VOGT & CO., Newspaper and Magazine Printers, No. 132 Church Street.—One of the best known among the popular reputable printing-houses in the city is that of Chas. Vogt & Co. It was established twenty-five years ago by Mr. Charles Vogt, who in 1886 admitted his son Mr. Charles E. Vogt to an interest, and from that time it has been continued under the present firm-name. The firm attained a high reputation for the standard character of the work turned out, and were scarcely excelled in general book, pamphlet, newspaper, and job printing. Mr. Vogt and his son and copartner are thorough masters of the typographical art, and have become noted for their good taste, accuracy, and promptitude in all their work. Both members of the firm are natives of New York, well known in business circles, and occupy an honorable position among prominent printers and stationers in the city, and are fully entitled to the consideration with which they are regarded as straightforward business men and citizens. They are now mostly engaged in newspaper and periodical printing.



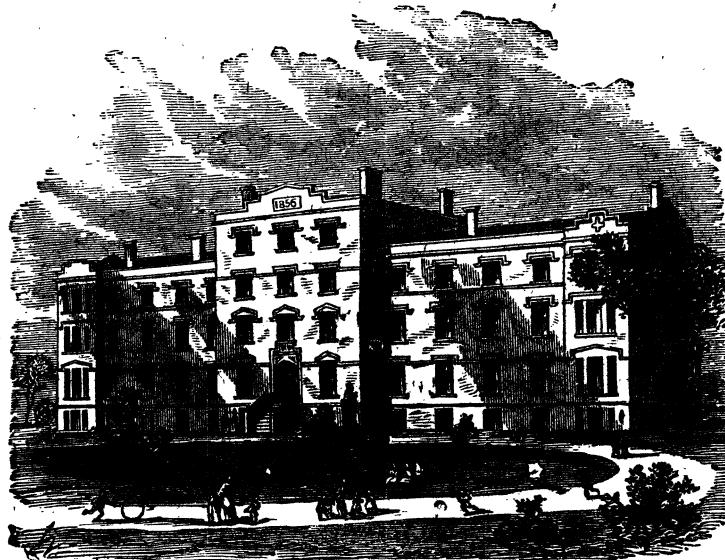
C G. MAYER, Patentee and Manufacturer of Ice and Refrigerating Machines, No. 744 Broadway.—A representative and successful house in the metropolis actively engaged in the designing and manufacture of ice and refrigerating machines is that of Mr. C. G. Mayer, whose office is located at No. 744 Broadway, corner of Astor Place. Two years ago Mr. Mayer severed his connection with the Empire Refrigerating Co. of St. Louis, Mo., which was organized by him, and commenced business in New York. He is now prepared to build all kinds of ice and refrigerating machines for brewers, packers, refiners, cold-storage companies, ice-manufacturers, chemists, etc. His machinery, which is protected by numerous patents, is unrivalled for utility, economy, and efficiency, while the prices quoted by him are extremely moderate. No ammonia gas will be allowed to enter any pipes in cellars or rooms, the cooling being done entirely by means of cold salt brine. The direct gas cooling was discarded by Mr. Mayer in 1879, as being dangerous and unreliable, up to which time no better or more reliable method was known; and all so-called refrigerating experts were unanimously of the opinion that an air volume could not be sufficiently reduced in temperature in any other manner than by expanding the gas in the circulating pipes, to which idea some still seem to cling. The question was fairly decided by him in favor of brine circulation, the same proving more reliable and uniform than any other. In no establishment having his machinery will there be found a single drip-pan under the circulating pipes, and none of his machines were ever known to lose the ice during a season's run on

any of the brine-circulating pipes. The following is a list of some of the breweries having Mr. Mayer's refrigerating machinery: D. G. Yuengling, Jr., New York City, running 4th season, capacity 150 tons; D. G. Yuengling & Son, Pottsville, Pa., running 3d season, capacity 30 tons; Henry Elias, New York City, 2d season, capacity 70 tons; Prospect Brewery, Philadelphia, 2d season, capacity 50 tons; Southern Brewery, New Orleans, 3d season, capacity 70 tons; Lafayette Brewery, St. Louis, Mo., 2d season, capacity 100 tons; Lone Star Brewery, San Antonio, Texas, 2d season, capacity 50 tons; E. C. Swift, Jersey City, 50 tons; and a number of others too numerous to mention. Mr. Mayer built for the Mallinckrodt Chemical Manufacturing Company of St. Louis the largest existing anyhyd. ammonia apparatus, and is now prepared to construct similar apparatus of any required dimensions, and furnish estimates. He also contracts to furnish compound condensing Corliss steam-engines, condensing slide-valve engines, or either of these steam-engines without condenser, with his compress pumps. Mr. Mayer was born in Germany, but has resided in the United States for the last forty years. He is highly esteemed by the community for his skill and enterprise, and no more reliable and honorable patentee and manufacturer of ice and refrigerating machines can be found in this country. He is now engaged in building the largest and most complete refrigerating apparatus in existence for Mr. George Ringler & Co., brewers, of New York City, capacity equal to 150 tons of ice per day, furnished with and operated by a compound Corliss condensing steam-engine of 300 horse-power.

RICHARD OLIVER & BLOOMFIELD, Practical Jewelers, Dealers in Diamonds, Reliable Watches, and Fine Jewelry, No. 23 John Street.—Probably in no line of industrial activity requiring high skilled labor does New York city make a more admirable showing than in that of the trade of watches, jewelry, and diamond goods. An old established and reliable house engaged in this growing and important business is that of Messrs. Richard Oliver & Bloomfield, whose office, salesrooms, and workshops are located at No. 23 John Street. This business was established in 1850 by Mr. Richard Oliver in Buffalo, N. Y. In 1862 he moved to New York, and eventually, in 1883, admitted his son-in-law, Mr. J. M. Bloomfield, into partnership. The premises occupied comprise a commodious store, 25x100 feet in dimensions. The stock is complete, and comprises gold and silver watches of the best European manufacture, jewelry of the latest designs and shapes, diamond goods, lockets, rings, bracelets, etc. Messrs. Oliver & Bloomfield make all their own diamond work and jewelry that are ordered, and charge extremely low prices. Articles left with them for repairs or alteration or diamonds to be reset do not go out of the care of the partners, who are practical jewelers. The work is done in their own factory which is in the same building with the store under their personal supervision. The firm import their diamonds, and offer advantages in jewelry and prices very difficult to be duplicated elsewhere in the metropolis. Mr. Oliver was born in England, but has resided in New York for the last fifty-one years. He descended from a line of ancestors who have all been jewelers for over three

York branch was established in 1886, and is under the able and careful management of Mr. Geo. W. Everitt. The premises occupied in the metropolis comprise a spacious salesroom and basement, which are fully stocked with a splendid assortment of Everitt's folding-beds, which are unrivalled for elegance of design, quality, finish, and excellence, and are the embodiments of mechanical workmanship of the highest order of perfection. The Everitt folding-bed received the highest medal awarded by the Franklin Institute, Philadelphia, Pa., 1885, and likewise the three highest medals given by the American Institute, 1886. In fact all the highest medals awarded for folding-beds in the United States since 1873 have been awarded to the Everitt bed. The folding-beds of this responsible house are general favorites wherever introduced, while the prices quoted for them are extremely moderate, considering their superiority and utility. This house also keeps the finest bedding constantly on hand, or manufactures it to order. The enterprise of this popular house has been fully illustrated by the superior character of the folding-beds which have been placed on the market, and the influence exerted upon the community by this industry fully entitles its proprietor to the consideration and esteem with which he is so widely regarded.

O. F. HAWLEY, Agent, Packing Box Manufacturer, No. 40 Gold Street.—Among the great manufacturing establishments of the metropolis honorable mention should be made of that of Mr. O. F. Hawley, the well-known packing box



1860—The Juvenile Asylum.

hundred years. Mr. Bloomfield is a native of the city. They are highly esteemed by the community for their skill, enterprise, and integrity, and their success in the jewelry trade of the city is as substantial as it is well deserved. We would observe that the firm make a specialty of repairing and adjusting watches and altering them from key to stem winders in the best possible manner. They also attend to the cleaning and repairing of French mantel and travelling clocks, and keep them wound and regulated when desired.

E. EVERITT, Inventor and Patentee of the Everitt Folding-bed, etc., No. 37 West Fourteenth Street.—Few articles of furniture are so useful at the present day as folding-beds. The pressure for more room in cities and towns has been largely met by the folding-bed, which pays for itself in a few months by saving the rent of an extra room. A prominent and reliable house in New York, engaged in the sale and manufacture of all kinds of folding-beds, is that of Mr. E. E. Everitt, No. 37 West Fourteenth Street, inventor and patentee of the famous Everitt folding-bed. Mr. Everitt is a native and resident of Philadelphia. The factory, located at Whitesboro, Oneida County, N. Y., has been a quarter of a century engaged in the manufacture of folding-beds. The New

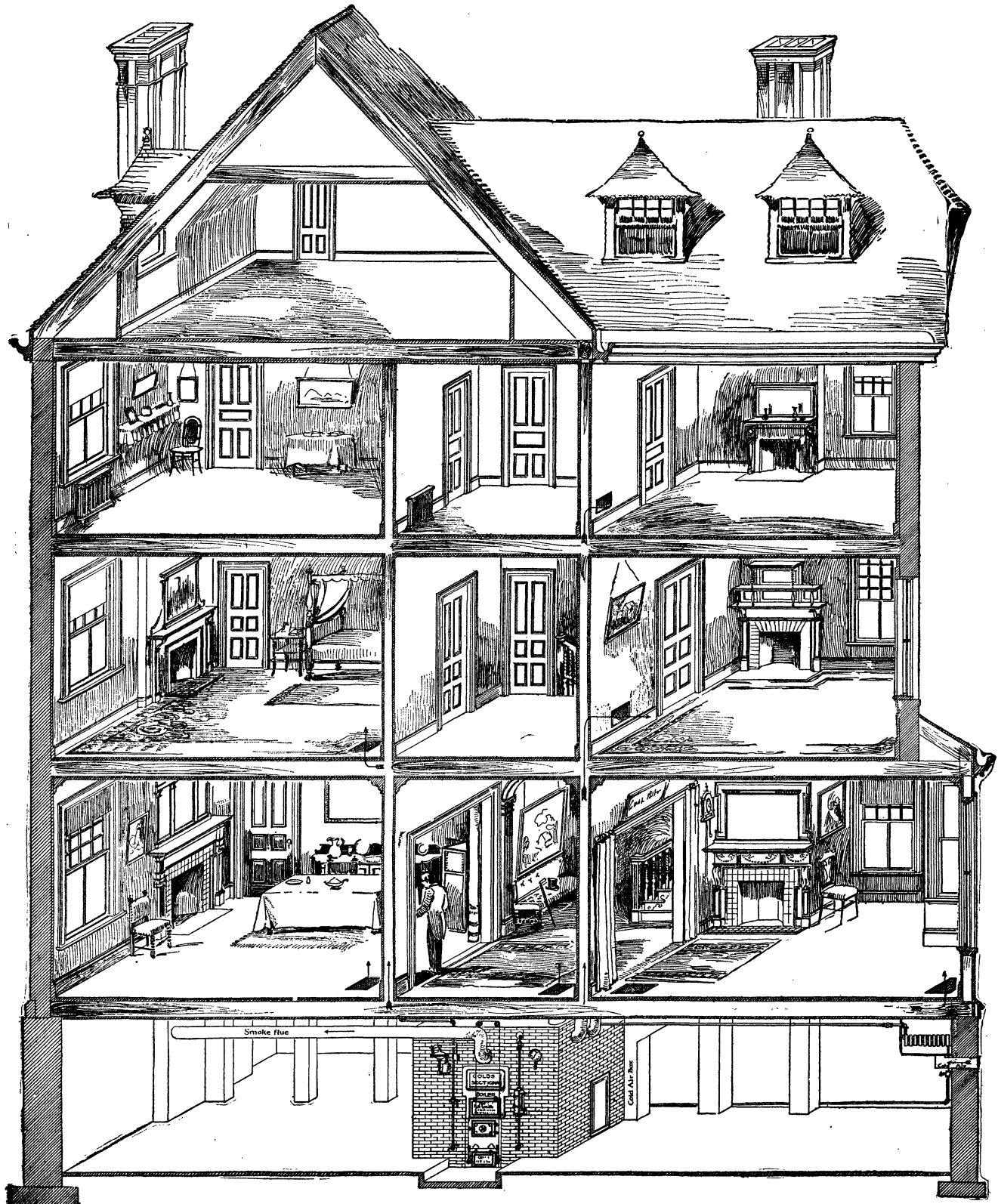
York branch was established in 1886, and is under the able and careful management of Mr. Geo. W. Everitt. The premises occupied in the metropolis comprise a spacious salesroom and basement, which are fully stocked with a splendid assortment of Everitt's folding-beds, which are unrivalled for elegance of design, quality, finish, and excellence, and are the embodiments of mechanical workmanship of the highest order of perfection. The Everitt folding-bed received the highest medal awarded by the Franklin Institute, Philadelphia, Pa., 1885, and likewise the three highest medals given by the American Institute, 1886. In fact all the highest medals awarded for folding-beds in the United States since 1873 have been awarded to the Everitt bed. The folding-beds of this responsible house are general favorites wherever introduced, while the prices quoted for them are extremely moderate, considering their superiority and utility. This house also keeps the finest bedding constantly on hand, or manufactures it to order. The enterprise of this popular house has been fully illustrated by the superior character of the folding-beds which have been placed on the market, and the influence exerted upon the community by this industry fully entitles its proprietor to the consideration and esteem with which he is so widely regarded.

THE H. B. SMITH COMPANY, Manufacturers of Steam and Water Heating Apparatus; Office and Warerooms, No. 137 Centre Street.—The use of steam and hot water for warming buildings has become so well understood, and during the last few years has made such rapid advances in public favor, that it seems unnecessary to prove their superiority over all other modes of heating, especially when combined with an effective system of ventilation. The hot-air furnaces in all sections of the country are rapidly giving way to steam, having failed to supply the demand for a general diffusion of heat through dwellings, churches, schools, and public buildings. In connection with these remarks, special attention is directed in this review of the commerce and industries of New York to the representative and successful H. B. Smith Company, whose office and warerooms are located at No. 137 Centre Street. This successful company have likewise branches in Philadelphia, Providence, and New Haven. The foundry and works of the company, which are admirably equipped with all the latest improved apparatus, machinery, and appliances known to the trade, are situated at Westfield, Mass. Here 200 skilled and experienced operatives are employed, and the trade of the house extends not only throughout all sections of the United States, but likewise to Canada and other foreign countries. This industry has been in successful operation for a quarter of a century, and is now managed by the following board of officers, viz.: J. R. Reed, president; A. Mercer, vice-president; P. C. Smith, treasurer. The company make a specialty of Gold's improved patent sectional, low-pressure heating and ventilating apparatus for private residences and public buildings. The engraving on the opposite page represents an ideal view of a dwelling showing the application of this unrivalled system in various forms with different modifications. The boiler-chamber is situated directly under the hall. A register connects it with the hall, thus securing the benefit of the radiation of heat from the boiler, when in moderate weather steam is not required. To the right, under the floor-beams and leading to the boiler chamber, is the cold-air duct, which is open to the outer air, and of adequate size to insure an abundant supply of warm fresh air to all the rooms. The first story of the building is warmed by indirect radiation, as shown, the heated air coming into the rooms through the hot-air pipes and registers in the floor, or side walls, as preferred. When practicable the second story is also warmed by indirect radiation, through tin hot-air pipes run up in the partitions, and likewise through registers in the side walls or floor. Ventilation is amply secured by the open fireplaces in the different rooms. The rooms on the third floor can be warmed in a similar manner, or by direct radiators connected with the boiler by steam supply and return pipes; although the direct radiators are not essential, as in most instances the whole house can be heated by indirect radiators. Steam-heating, as our readers are aware, is capable of various modifications, and several different applications of the H. B. Smith Company's system are possible. This engraving is a happy presentation of the subject, bird's-eye-view style, and will interest all who carefully examine it. The H. B. Smith Company also manufacture the following specialties, viz.: Mills' Safety Sectional Boilers, the Globe Improved Boiler, Reed's Improved Cast-iron Radiators, Whit-tier's Cast-iron Radiators, Gold's Pin Indirect Radiators, the New Union Radiator (equally adapted for water or steam, high or low pressure), Breckenridge's Automatic Air-valves, etc. The New York house is under the personal management of Mr. A. Mercer, the vice-president, who brings to bear upon the business great practical experience, coupled with a comprehensive knowledge of all the wants and requirements of this important trade. He carries a fine sample stock of the productions of this popular and responsible company, and is prepared to conduct all transactions under the most favorable auspices, and upon a thoroughly satisfactory basis. Orders are filled with promptness and care, and inducements are offered to patrons which cannot be equalled elsewhere, and customers once secured by this house are sure to find them upright and honorable in all their dealings with them. In conclusion, after thoroughly investigating the subject, it may be justly stated that Gold's improved patent sectional low-pressure heating and ventilating apparatus for residences and public buildings, as erected by the H. B. Smith Company, is beyond comparison the most certain and satisfactory means of making our indoor life a perpetual summer, while at the same time banishing from our dwellings the foul air and noxious gases that are constantly producing so great a harvest of disease and death.

A. D. CLAY, Manufacturer of Canvas Feed Bags for Horses, Truck and Horse Covers, No. 52 Vesey Street.—As in every other feature of progress in this age of invention, improvement, and discovery the attention paid within recent years to the production of an improved feed bag for horses is a patent perforated metal bottom bag, firmly sewed, riveted, and finished in every respect. They are extra strong, made of heavy cotton duck double-stitched to a wide band of well-tanned leather which is firmly riveted to the perforated bottom, the perforations acting as a ventilator and also as a sieve or cleaner for all dirt and impurities contained in the grain and oats. It permits the free escape of water, rain, or drippings from the mouth of the animal, and prevents the accumulation on the inside bottom of the bag of the dirt and filth which is unavoidable in the old style leather or wooden-bottom bag. Its superior advantages for durability, comfort, and what is paramount to all cleanliness will be at once apparent to those having the charge or care of horses. It is cleaner, neater, and lighter in weight, and in a sanitary point of view healthier than any heretofore made. There are two styles of wooden-bottom bags, one having the patent ventilator attached in same manner as in the iron-bottom bag; the other plain wood bottom—both made of substantial cotton duck. They are strongly sewed, carefully inspected before sent out, and better finished than the common bags now in use. The improved patent feed-bag halter enables the horse to feed as comfortably while hitched up or in harness or on the road as though he were in a thoroughly-arranged stall. It allows the mouth to be entirely removed from the bag while chewing, and when properly adjusted needs no further care or attention, and will more than pay for itself in the economy and actual saving of grain, horses dispensing with the tossing the bag about, and obviates the necessity of the dead weight of the bag by equalizing the pressure between the head and shoulders. Mr. Clay has been a resident of the city over forty years, and is a practical and expert workman himself. He started this flourishing business in 1882, and the positive and permanent success that has attended the enterprise from its inception abundantly attests the excellence of the work turned out, upward of 100,000 of these feed bags being now in use throughout the United States.

JAMES H. ENGLISH, Paper Ruler, Book Binder, and Blank Book Manufacturer, No. 24 College Place.—One of the most extensive concerns of the kind, devoted to the manufacture of blank-books besides book-binding and paper-ruling, is that conducted by Mr. James H. English, which bears an enviable reputation in the trade. Mr. English being a member of the firm of Beatty, Stevenson & Co., it was continued under their joint control until 1874, when the latter became the sole proprietor of the present business. Mr. English, though a native of Canada, has resided in the United States since 1849, and has been engaged in his present line of business since youth. The spacious premises occupied are fitted up with the most improved mechanical devices, and employment is afforded from thirty to forty skilled operatives. Mr. English executes every description of work in paper-ruling, book-binding, blank-book manufacturing, printers' ruling and binding, and also carries on extensive operations as a manufacturing stationer. With the advantages he possesses with regard to the complete nature of his plant he is enabled to compete, in point of price and character of work performed, with any other house.

JOHN H. SCHINNAGEL, Practical Plumber, Steam and Gas Fitter, No. 171 William Street.—Mr. John H. Schinnagel has achieved a well-earned reputation in this line of trade, and his establishment is recognized as a leading one of its kind in the metropolis. The foundation of the business was laid in 1854 by Mr. John Schinnagel, who continued it until 1885, when he was succeeded by his son, the present proprietor. The premises occupied for trade purposes are spacious and commodious, and are at all times stocked with a complete assortment of plumbers' and gas-fitters' supplies of every description. In sanitary engineering, the specialty of this house, the experience and practical skill of the proprietor is a sufficient guarantee of the prompt and faithful execution of all work entrusted to his care. Everything in the way of plumbing, ventilating and gas-fitting is performed. Contracts are entered into, and the complete fitting up of buildings is satisfactorily executed. Only expert and competent artisans and mechanics are employed, and all operations are conducted under the immediate personal supervision of the proprietor.



An Ideal View of a Dwelling, Showing Gold's System of Heating and Ventilating, as Manufactured by The H. B. Smith Co. Descriptive Article on page 128.

A SHORT REVIEW OF THE FOREIGN FRUIT TRADE OF NEW YORK.—There are probably but few of our readers who have the faintest conception of the quantity of fruit imported into and consumed in the United States. Scarcely twenty years ago sailing vessels would load from five to ten thousand boxes of oranges and lemons at the various ports of Sicily, and after a voyage of from six to eight weeks land their cargoes (then considered large) in New York, to supply the various markets of the country. As the United States increased in population, the use of fruit increased in still greater proportion, until the present consumption is ten times as much as it was in 1850. A few facts will sustain this statement. In this progressive age, and keeping pace with the demand, steam has superseded the old sailing method of transporting fruit from Italy and Spain and now only from twenty to twenty-five days are consumed in the voyage, each steamer bringing a cargo of about twenty thousand boxes, and some even thirty thousand. As might be imagined, under the old method, speculation was rife, and the few importers then in, and controlling the business, frequently sold their invoices at profits varying from two to five dollars per box. For these, and other reasons, fruit was then a "luxury." All this has now changed. As the business extended, and importing became less of a monopoly, transportation quicker, and supplies larger, "bulling" the market became an impossibility, while "corners" only resulted in heavy losses to those who attempted them. Regular and large steamers are now constantly employed in carrying fruit alone, which finds its way into the consumers' hands through its being first sold at auction upon arrival to the jobber, who in turn sells to the retailers and others. A comparison of what was formerly a year's supply for this country and what is now used will be interesting. In 1850 there was received in New York 200,000 boxes of oranges and lemons. In 1887, 1,066,277 boxes and 60,635 cases of oranges, and 1,608,850 boxes of lemons, came to the port of New York alone. Very few grapes were then brought here from Spain, and those sold at about twenty-five dollars per barrel of 50 lbs., net. Last season from October, 1887, to March, 1888, 210,000 barrels of an average net weight of 50 lbs. or equal to ten and a half million pounds of Almeria and Malaga grapes were consumed in the United States. Of raisins there were 1,338,852 boxes of the average net weight of 25 lbs. each imported during the season of 1886, 1887, equal to 33,471,300 lbs. Figs, too, show they are in favor, 57,465 packages, equal to 17,483,000 lbs., being consumed during the past season of twelve months. A faint idea of the magnitude of the fruit business transacted in New York, where seven-tenths of the whole imports of the United States are entered, can thus be conceived.

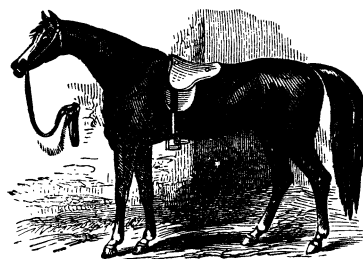
It is our purpose to direct attention to a young firm, whose enterprise and success in this particular line of business has been somewhat phenomenal and a subject of wonder and comment to the older houses in the trade. We refer to Mr. Edward L. Goodsell, No 97 Park Place, New York. Being but a young man and only established five years ago, it has been a matter of curiosity, to ascertain how he could in that time have worked himself into the front rank of the importers of Spanish fruits, etc. Bearing the reputation of possessing sound business judgment, untiring energy, great push and enterprise, and a good name, such success is not to be wondered at. His motto, as stated by him, "Personal attention to every detail of business, and prompt sales," are the secrets of his unprecedented and much-deserved success. Mr. Goodsell is located in the very heart of our fruit trade and combines with his green and dried fruit interests, the receiving consignments of large lots of foreign produce. Last season, from as far off as Egypt, he received 10,000 packages of onions, and from Germany and Great Britain large quantities of potatoes.

Believing in the future of Florida, and the fruits produced in that State, he conceived the idea of exporting Florida oranges to Great Britain during the months of November and December, when few are shipped from the Mediterranean ports, and the markets there comparatively bare. The experimental shipments proved so satisfactory that it is in contemplation, in conjunction with some of the largest and most prominent fruit growers in that State to run steamers direct from Jacksonville to Liverpool early next season, and indications point to very large shipments in that direction. It is needless to state that this new outlet for Florida oranges is a most necessary one, and likely to be seized on with avidity by the producers, and Mr. Goodsell has added new laurels to his name, by carrying out his project in the face of a great deal of opposition on the part of some seeming-

ly short-sighted individuals, who predicted that the scheme would be an impracticable one, and fail of accomplishment. In order that this part of the business may be properly conducted, he will make an innovation in the trade, by establishing, in the fall, a branch office in Jacksonville, Florida, believing from his success in building up a large importing business, he will meet the like reward in his efforts to do a large business with Florida.

Ever looking out for "new worlds to conquer," Mr. Goodsell has this season entered into business relations with shippers of produce in Bermuda, and the results promise to be of similar nature to his success in the European trade. The same can be said of a large fruit and produce trade lately established with New Orleans and Havana, Cuba. For the better transaction of his rapidly-increasing business Mr. Goodsell contemplates removing about September 1st, to larger and more commodious quarters, now in the course of erection. In addition to the importing and handling of Foreign and Domestic Fruits, Produce, etc., Mr. Goodsell is also a large exporter of apples to England, forwarding for account of various shippers thousands of barrels every fall. We would not omit mentioning that Mr. Goodsell is an active and prominent member of the Foreign Fruit Exchange, and also has branch houses at No. 44 South Market Street, Boston, and No. 124 South Front Street, Philadelphia, besides representing some of the largest and best known houses in Great Britain and Europe. In closing this brief sketch of one of New York's young merchants, it is very appropriate that it should appear on these pages, as illustrative of a feature of mercantile life of to-day in the great metropolis of the New World.

CHAS. H. WELLMANN, Saddle Maker, No. 1785 Broadway.—Among those particularly well known as manufacturers of fine saddles in the city there are none more prominent than Mr. Chas. H. Wellmann, who has been established in the business over thirty years, and has won a reputation for first-class, artistic workmanship not excelled by any other in the country, a fact fully demonstrated by his receiving a diploma and medal at the Paris Exhibition held in that city in 1867. For business and manufacturing



purposes Mr. Wellmann occupies well-appointed premises, having dimensions of 25x40 feet, and has every convenience at hand for executing the very best class of work. Skilled workmen only are employed, and the patronage is derived from the leading substantial citizens. Ladies' side-saddles are a specialty, and are gotten up and finished in the highest style of the art. Mr. Wellmann, who is a native of Germany, has lived nearly all his life in New York. He commenced on Bleecker Street about 30 years ago, and afterward moved to Broadway, and in 1882 secured the premises now occupied.

ALEXANDER WILSON, Real Estate, No. 1591 Broadway.—Prominently among the young business men who are well known and held in high estimation in the community, there are none enjoying a wider reputation than Mr. Alexander Wilson, whose office is located at No. 1591 Broadway, corner Forty-eighth Street. Mr. Wilson confines his attention to real estate and loans, and buys and sells property in the city and country, and leases houses, buildings, flats, and also rents and exchanges property, negotiates loans on bond or mortgage, and is prompt in his attention, and can always be relied upon, and carefully looks after the interests of those who conduct transactions through him. He is indorsed and recommended by the leading business men. Capitalists and investors will find that he has rare inducements to offer in urban and suburban property. Born in Scotland, Mr. Wilson eight years ago located in New York, and has become thoroughly identified with the interests of the city. He has had quite an extended experience as a real-estate broker and agent.

JAMES P. SMITH, Importer of Fancy Groceries and Choice Table Luxuries, Nos. 45 and 47 Park Place, New York, No. 49 Lake Street, Chicago, and No. 14 Rue D'Antin, Paris.—New York, as the head and centre for the import trade in the choicest grades of food products, is very largely indebted to the distinguished enterprise and energy of Mr. James P. Smith, whose name has become a veritable trademark, and whose stock, both as regards extent and exclusive control of many special brands, has no rival elsewhere. The extensive business conducted here is very old established, in fact one of the oldest, dating back to 1831, when it was founded by Mr. Hyacinth Yoelin, who later took his son, Mr. G. G. Yoelin, into copartnership. After developing the leading trade and developing a national reputation, the founder of the house died, and was succeeded by G. G. Yoelin. For some time previously, Mr. James P. Smith (who, it may be remarked, is a native of this city) had been connected with the firm, and was admitted into copartnership under the name and style of Yoelin & Smith. The house thus continued for a period of fifteen years, developing commercial relations of vast importance, and doing an immense trade. Mr. Smith subsequently formed the firm of Smith & Vanderbeck, which continued up to 1884, when he became sole proprietor. He has every facility for promptly supplying the wants of the wholesale trade throughout the United States with the choicest table luxuries and fancy groceries. He occupies the fine seven-floor building Nos. 45 and 47 Park Place, fifty-five by one hundred feet in dimensions, and where is to be seen the finest class of imported table specialties. Among the specialties are Maggi's Bouillon, Colman's mustards, Epps' cocoa, Liebig's extract beef, Day & Martin blacking; Nelson's gelatine, Crosse & Blackwell's pickles, Griffin's Bass ale and stout, Younger's Scotch Ale, etc.; spices and herbs, Parmesan cheese, curry powder, rolled oatmeal, Rio tapioca, French and table delicacies, inclusive of the famous Penarro's boneless sardines. Among other goods, special mention should be made of Mr. James P. Smith's brands of French capers, queen olives, crescent olives, bay-rum, and bird-food. Each in its line is the best and purest in the market. To facilitate the prompt filling of orders from his numerous important western customers, Mr. Smith has established a branch house in Chicago, while, for the purpose of securing the best of everything for exportation, he has another office and warehouse at No. 14 Rue D'Antin, Paris. The marked success attending Mr. Smith's operations, is due to his superior mercantile arrangements, and to the permanent maintenance of the highest standard of excellence in all goods sold. The trade has found it both profitable and pleasant to maintain active commercial relations with him, and as the representative importer in his line he is a valued factor in advancing the city's prosperity.

THE WILLETS MANUFACTURING CO., Manufacturers of Thin Opaque Porcelain, Hotel Opaque Porcelain, White Granite, Decorated and Printed Ware. New York office, No. 50 Barclay Street. Excelsior Pottery Works, Trenton, N. J.—The magnitude of the pottery interest of Trenton is most forcibly indicated by the many large establishments engaged in that great industry. Pre-eminently prominent among the number is the now widely-known excelsior pottery works conducted by the Willets Manufacturing Co. The works were established in 1853, and carried on until 1879, when they were purchased by the Willets Manufacturing Co., which was incorporated the same year, with the following gentlemen as officers: Joseph Willets, President; Daniel Willets, Secretary; and Edmund R. Willets, Treasurer. Their establishment, the largest in Trenton, gives employment to a force of about five hundred skilled artisans. Their pottery and granite and opaque porcelain wares are most favorably known and justly celebrated throughout the trade of the entire country, comparing favorably with the finest imported goods. Their thin opaque porcelain goods are given the preference by the most prominent and critical dealers, while their special lines for hotel use in quality, finish, and adaptability cannot be excelled. In decorated wares their designs are both unique and original, combining grace and symmetry with a blending of shades rarely equalled and never surpassed. Their underglaze printed wares are produced in the latest and best style of the potter's art, so that in their entirety their entire line is not surpassed by any in the country, while their list of prices are uniformly low, quality and finish considered. Their trade is exclusively wholesale, and principally with the largest handlers of their wares, while a marked annual increase in productions and sales is the result of the wise and progressive management which has placed the house in the front rank, and which en-

viable position it is their intent and purpose to hold as well as merit. The company enjoys a well-deserved reputation for strictly honorable commercial dealings, and thorough business methods, resulting in far-reaching and specially desirable connections. The New York office and salesroom are at No. 50 Barclay Street. Their artistic porcelain decorations are by the most competent artists from the Royal Worcester Works. They also have a specially superior line of goods in various fragile ware; also a complete line of superior sanitary earthenware.

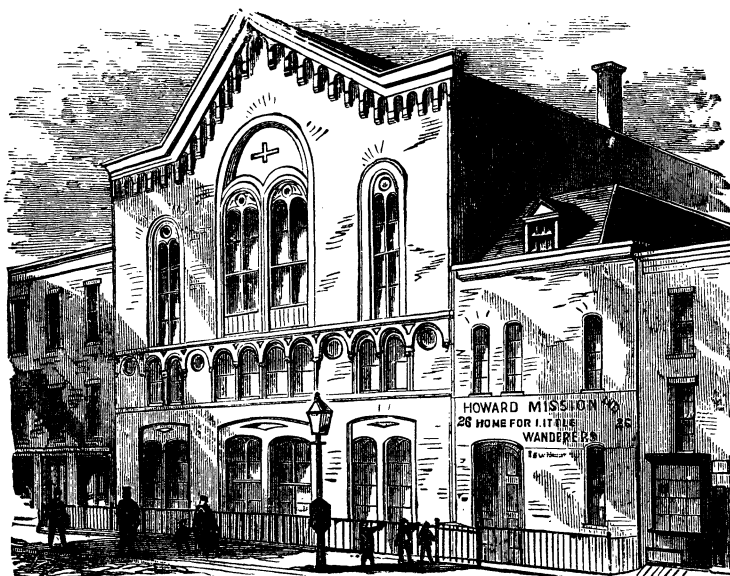
C. M. MOSEMAN & BRO., Makers, Importers, and Exporters of Harness, Horse Clothing, etc., No. 128 Chambers Street.—The representative house of its kind in the United States, and one which has developed a most extensive export trade to all parts of the world, is the reliable firm of Messrs. C. M. Moseman & Brother, makers, importers, and exporters of harness, horse clothing etc., whose offices, salesrooms, and factory in the metropolis are located at No. 128 Chambers Street. The firm have likewise branches at Nos. 457 and 459 Oxford Street, London, England, and at No. 33 Rue Vi Vienne, Paris, France. This business was established in 1866, by the present proprietors, Messrs. C. M. and E. W. Moseman. The premises occupied comprise a spacious five-story-and-basement building with sub-basement. The workshops and warerooms are fully supplied with all the latest improved facilities, while employment is furnished in the various departments to eighty skilled workmen. Messrs. C. M. Moseman & Brother keep constantly on hand a splendid assortment of harness of all descriptions, horse clothing, English racing and riding saddles complete for the hunt, park, or chase; English snaffle, Pelham & Weymouth riding bridles, bits, breastplates, etc. Messrs. C. M. Moseman & Brother have just published their fourth edition of their famous "Illustrated Catalogue" for the use of horse-owners of this country and the world at large. They have spared neither expense, time, or trouble to produce a much-needed, very useful, and unique work, in which they show, by many expensive and truthful drawings, numerous articles used in connection with horses, for the purpose of developing their speed, and also for their decoration and comfort. The firm ask a careful examination of the numerous illustrations in their catalogue, and trust by such inspection that the readers will find something that will be useful to them, and send an order to the house. Both Messrs. C. M. and E. W. Moseman are natives of Westchester County, but have been educated and brought up in New York. The trade of this popular house now extends over all sections of the United States, while large quantities of the firm's splendid goods are exported to Canada, Mexico, South America, Europe, India, and Australia.

JOHAN SWAN & CO., Importers and Dealers in Hardware, Cutlery, Mechanics' Tools, etc., Nos. 33 and 34 Fulton Street.—The most enterprising dealers in fine hardware, cutlery, etc., and whose concern is the oldest established in its line in America, are Messrs. John Swan & Co. of Nos. 33 and 34 Fulton Street. This business dates away back into the middle of last century, having been founded in 1760 by the late Hubert Van Wagoner. In 1800 the late Charles Osborn succeeded to the proprietorship, subsequently, in 1832, becoming the firm of Osborn & Little. In 1869 it became Swan & Brombacher, and thus continued up to 1884, when Mr. John Swan formed the existing copartnership with Mr. G. R. Love, and whose facilities, experience, and desirable connections, render their establishment the leader in its line. For over one hundred years has this business occupied its present location, one of the few that can anywhere be found exhibiting similar permanency and stability. The firm deal generally in full lines of shelf and heavy hardware, importing the finest grades of foreign goods, including superior cutlery, mechanics' tools, etc., and throughout their immense stock offering substantial inducements both as to price and quality. They occupy the entire building, five-stories in height, 40x80 feet in size, and carry many lines of hardware that cannot be readily obtained elsewhere. In builders' and cabinet hardware they have a magnificent assortment; also a large department devoted to house-furnishing goods, tin-ware, etc., everything marked at lowest prices. This is headquarters for the only genuine Haarlem Oil. Messrs. John Swan & Co. do a very large wholesale trade, having old-established, influential connections throughout the United States, and are the most prominent representatives of this great staple branch of trade. Messrs. Swan and Love are respected in mercantile circles.

HOTEL GLADSTONE, M. E. Rohde, Proprietor, Fifty-ninth Street and Broadway, facing Central Park; Mr. Haight Manager.—The leading hotel in the upper part of the city is unquestionably the Gladstone, architecturally speaking one of the most imposing and handsome buildings in the city. It is strictly first-class in every respect, and deservedly popular both with permanent boarders and transient guests. The site is one of the most desirable in New York, facing on Broadway, Fifty-ninth Street and Eighth Avenue, and directly opposite Central Park. The hotel has a frontage on Broadway and Fifty-ninth Street of fifty feet respectively, and is seven stories and basement in height. There are 120 rooms at the disposal of the public, many arranged *en suite*, and specially desirable for families who appreciate hotel life close to Central Park, and which affords all the seclusion of a home, with none of the attendant care and worryment. The hotel is conducted jointly on the European and American plans, under the able and painstaking management of W. M. Haight, a gentleman whose wide experience and eminent executive abilities specially qualify him for the satisfactory discharge of the onerous duties devolving upon him. There is no hotel man in New York more popular than he, and the large patronage accorded the Gladstone indicates the perfection of the service and accommodations. We direct attention to the tariff—only \$1 to \$3 per day on the European plan for the elegantly furnished rooms facing Central Park. To meet the wants

has its ramifications in all parts of North America. The maps sent out from this house are noted for their accuracy, reliability, and artistic character, and are everywhere regarded as authorities. The business is carried on in the four large floors of the building No. 84 Warren Street. The establishment is equipped with the best of appliances known to the trade, and a staff of twenty to thirty skilled and experienced hands are employed. Maps of every description are drawn, engraved, printed, colored, and mounted to order. With these facilities, progressive methods, and personal attention, a specialty is made of fine job work for "the trade" and other publishers, etc. The trade of the house is entirely wholesale, and as a vast stock of maps is kept constantly on hand, orders can be filled with the utmost promptitude. Mr. Bridgman is a native of Charleston, South Carolina, though of Massachusetts parentage. His home has been on Staten Island for the past thirty years. His upright and honorable dealing has won for him a high reputation in business circles.

WILLIAM B. DEAN, Importer and Jobber in Bar Glassware and Bar Specialties, No. 43 Murray Street.—This enterprising house was founded under its present title fifteen years ago by the late Mr. William B. Dean, who was succeeded in the business by his wife, H. J. Dean, and the latter formed a partnership with Mr. William J. Darnstaedt, who is an enterprising

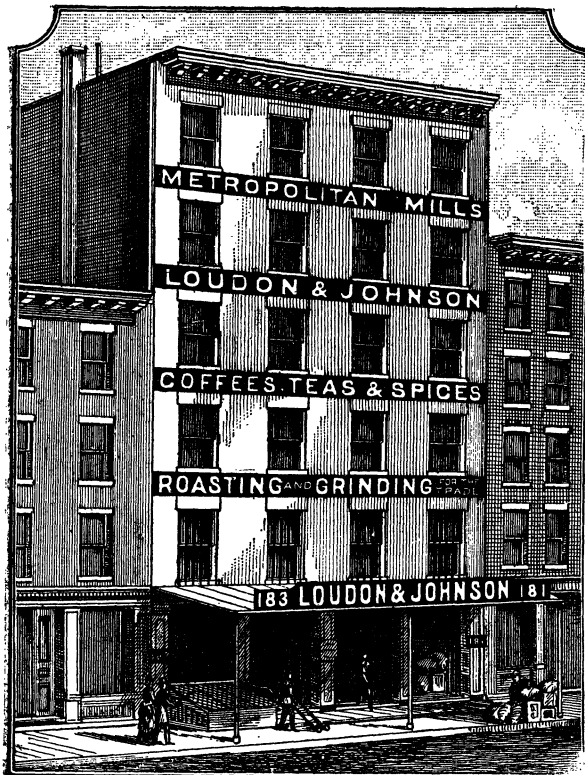


1860—Howard Mission.

of many patrons, the hotel is also conducted on the American plan at a tariff of \$2.50 to \$4 per day, and from \$12 to \$25 per week, according to location. The *cuisine* is strictly first-class. Mr. Haight is a liberal caterer of sound judgment, and the tables are supplied with everything of the best quality in the market, served in the best style of cookery. The staff of assistants numbers upwards of fifty; guests' wants or wishes are promptly attended to.

E. C. BRIDGMAN, Map Publisher and Moulder, No. 84 Warren Street.—An interesting feature of the industrial activity of the city is the publication and mounting of maps, and the oldest and leading house in this line of enterprise is the widely known one of Mr. E. C. Bridgman. This house dates its origin in the year 1828, when it was founded by Mr. Timothy Ensign. Later a partnership with Mr. Humphrey Phelps was followed by several changes of partners, the firm about 1855 being composed of Mr. Erastus C. Bridgman and Mr. E. H. Ensign (son of the founder), under style of Ensign & Bridgman. In 1868 the latter purchased Mr. Ensign's interest, and the firm became E. C. Bridgman. Since his death in 1870, his son, Edward C. Bridgman, assisted by Charles K. Ensign, son of Mr. E. H. Ensign, has built up a trade which

and successful business man. Mr. Darnstaedt is both a native and a resident of New Jersey. Their establishment is one of the most complete in the trade. Here the firm occupy the first floor and basement of the building, which is 25x100 feet in dimensions. These are appropriately fitted up for the business, and here is displayed one of the finest and most complete stocks of bar glassware and bar specialties to be found in the city. The firm are extensive importers, and their stock includes some of the finest productions of the glass factories of Europe, while a full assortment of domestic manufactures in the same line is always kept on hand. Their distributing trade is of a wholesale and retail character, and extends throughout the Middle and New England States. Five assistants are employed in the store, and the house is represented on the road by a corps of travelling salesmen. The firm have superior facilities for obtaining the earliest importations of new goods, possessing direct connections in the centres of glassware manufacture. They have also a complete line of house-furnishing specialties, and are also the patentees, manufacturers, and exporters of the most convenient and perfect lemon-squeezers on the market. These goods combine a cork squeezer, and are being handled, used, and given the preference over all others by the largest and finest dealers and consumers.




METROPOLITAN MILLS, Loudon & Johnson, Coffees, Teas, and Spices, Nos. 181 and 183 Chambers Street.—An old established and prominent city house, devoted to the coffee, tea, and spice trade, is that which is made the immediate subject of the present sketch. The Metropolitan Mills are located at Nos. 181 and 183 Chambers Street, and were founded as far back as 1853, and have been under the present proprietorship since 1879. From its earliest inception the business has been characterized by prosperous growth, in keeping with the energy and ability devoted to its management, and the present status of the enterprise is in the front rank of the city trade. The spacious premises, consisting of six large floors and a basement, are systematic and convenient in arrangement and equipped with all the modern improved methods, machinery, and appliances for grinding spices and roasting and grinding coffee, and every facility is supplied for the advantageous handling and display of their large and varied stock. The firm are heavy jobbers of high-grade coffees, teas, and spices, and by roasting and grinding their own goods they are enabled to guarantee them as fully up to the highest standard of excellence in all respects. In the various departments of the extensive business a goodly force of clerks, salesmen, and others is employed, and the voluminous house trade reaches over a wide territory and represents an eminently prosperous general business. Messrs. J. Carlisle Loudon and T. Demarest Johnson, composing the firm, are members of the New York Mercantile Exchange, and have long been numbered among the representative and deservedly successful New York merchants in their branch of commercial industry.

JOHAN A. DELATOUR, Mahogany, Pine and Hard Wood Lumber, Veneers, and Dowels, Nos. 476 and 478 Pearl Street.—One of the leading dealers in hard wood and pine lumber, mahogany, veneers, and dowels, is recognized to be Mr. John A. Delatour. The proprietor of this extensive business is a native of New York, and has long been identified with this branch of trade. He started his present concern in 1877 at the above address, and with a yard in Centre Street. In 1878 he removed his entire stock here, where he carries a complete and most carefully selected stock of fine Central American mahogany, and staple hard woods such as oak, walnut, ash, maple, cherry, sycamore, etc.; also "clear" white

and yellow pine lumber, adapted for furniture manufacturers, cabinet-makers, wood-carvers, etc. Mr. Delatour has the best lines of mahogany and other veneers and dowels in stock, and offers substantial inducements both as to price and quality. Both at wholesale and in the filling of jobbing orders he controls the best class of trade in New York and vicinity. He is thoroughly experienced as regards the wants of the trade, and having such unrivalled facilities and ample resources, we specially commend him to all in need of strictly fine lumber and veneers.

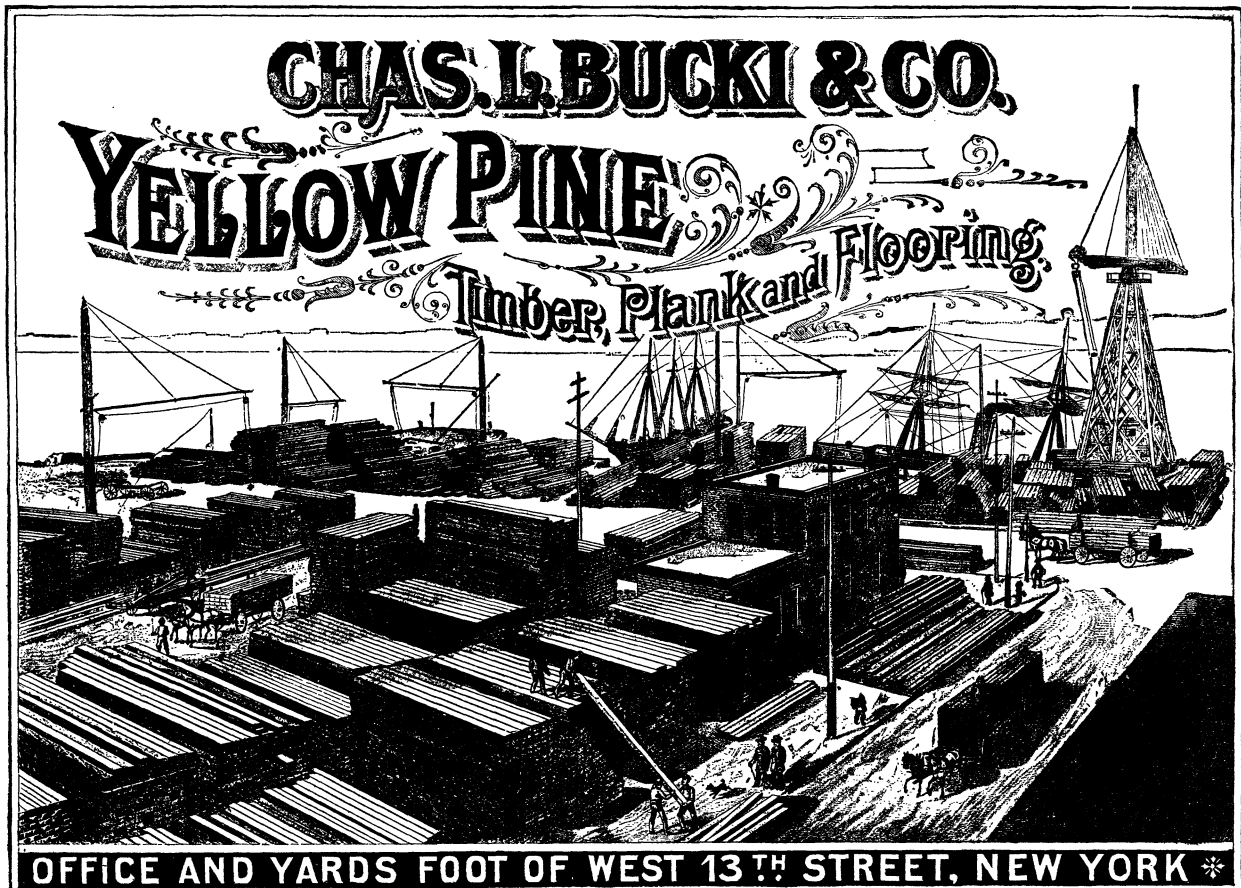
CHAS. ELTERICH, Machinist and Tool Maker, Taps, Dies, etc., Nos. 191 and 193 Worth Street, Corner Mulberry Street.—One among the well-known practical machinists and tool-makers in the city is Mr. Chas. Elterich, who was brought up in the trade, and has been established in business since 1875. He was formerly located on Mercer Street, but since 1880 has occupied the premises at Nos. 191 and 193 Worth Street, which contain special machinery and appliances driven by steam-power, and are complete in all their appointments for doing all kinds of work belonging to the trade of the machinist, and for manufacturing tools, taps, dies, etc. Mr. Elterich employs from six to ten skilled practical workmen, and carefully looks after all the details of his establishment. He gives particular attention to all orders, etc. He was born and brought up in New York, and has had thirty years' experience in his special line of trade. He is well known, and has the reputation of being one of the most thorough, practical, skilled ingenious workmen in the city. He also possesses several patents of merit, which are highly esteemed by his customers. The tools made by him bear such a high reputation, that to protect his customers and himself, he registered this trade-

TRADE MARK.

mark  in the latter part of 1887, which will be stamped on all tools made by him. The premises occupied are 25x70 feet in area, and a large substantial business is being carried on, the trade extending all over the United States, a great portion of his goods being shipped to Europe, Canada, and South America.

WILLIAM J. HEARFIELD, Fine Book and Job Printer, No. 132 Church Street.—Among those well known as fine book and job printers there are none more prominent than Mr. William J. Hearfield, who has won an enviable reputation as a first-class, reliable workman, and is doing a large, substantial business. For more than twenty years he has been identified with the trade, and since 1882 has occupied the premises at No. 132 Church Street, consisting of two floors, each having an area of 20x60 feet, which are fully equipped with everything necessary for doing the finest and best book, job and commercial work, including the latest improved presses, new founts of type, and all the accessories required in the business. Book, pamphlet, and every kind of plain and fancy printing is executed with skill, the typography and letterpress not being surpassed. Mr. Hearfield, who is a native of New York, has always resided in the city, and is very popular in business circles. He possesses fine taste and excellent judgment, and in all his work is plainly discernible the master-hand of the thorough printer.

THOMAS GOTTY, Wholesale Dealer in Philadelphia Poultry, etc., No. 76 Barclay Street.—One among the most popular of the old well-known business men who make a specialty of dealing in and shipping Philadelphia poultry and game of all kinds when in season is Mr. T. Gotty, who has been established in the trade for more than forty years, and was for a long time located in the Washington Market and afterwards removed to Washington Street, but since 1873 has occupied the premises at No. 76 Barclay Street, which consist of store and basement having an area of 20x70 feet. Mr. Gotty is one among the largest dealers in poultry and game in the city, and controls a large wholesale trade, supplying hotels, steamships and dealers, and also makes shipments to adjacent cities and towns. A native of the State of New York, Mr. Gotty has during a long residence and successful business career in the city established a wide reputation as an upright, straightforward business man and one of the oldest dealers in his line of business.

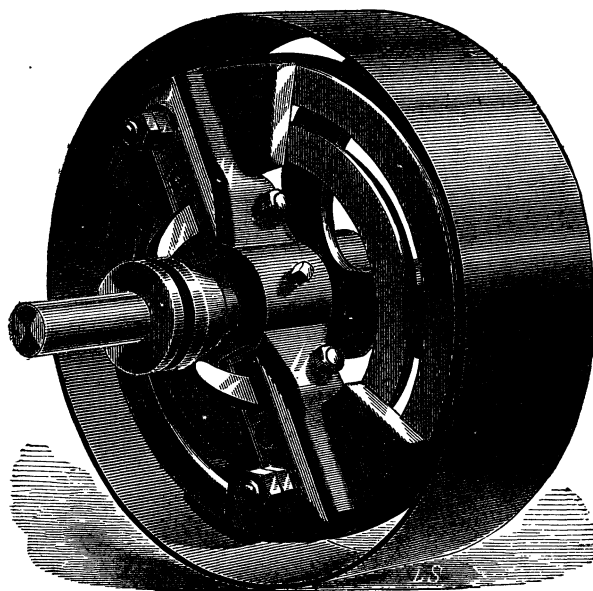


CHAS. L. BUCKI & CO., Yellow Pine Lumber, foot of West Thirteenth Street, North River.—The leading shippers and dealers in yellow pine lumber in New York and in the eastern States generally are Messrs. Chas. L. Bucki & Co. The business was established in 1869 by Hon. Geo. F. Drew, ex-governor of Florida, and Mr. Louis Bucki, now deceased, under the firm name of Messrs. Drew & Bucki, succeeded by Messrs. L. Bucki & Son, in 1883, when Governor Drew retired, thus continuing until May 1, 1886, when, some months before his lamented decease, Mr. Louis Bucki formed the existing firm, associating with his son, Mr. Chas. L. Bucki, Messrs. John W. Riordan and Charles S. Hirsch. The house has ever been famous in the trade for a sterling spirit of energy and enterprise, taking the lead in opening up direct trade relations with the best sections in the South for yellow pine, and doing the leading shipping business out of Jacksonville, Fernandina, and Pensacola, Florida, as well as from the ports of Georgia. It was the first house to build and introduce a powerful steamship especially adapted for the carrying of lumber from the South to this port, the well-known steamer, *Louis Bucki*. The facilities thus afforded them for insuring speed and regularity in deliveries gained them a commanding position in the trade. Their saw-mills at Ellaville, Florida, are the best equipped in the South, having an aggregate capacity of about fifty millions of feet annually, and located in the heart of the choicest "long leaf" yellow pine forests in the South, and connected by several lines of railroad with their several ports of shipment. Their principal office and yards are located at the foot of West Thirteenth Street, extending 200 feet along Thirteenth Avenue, 150 feet on Thirteenth Street and 150 feet on Little West Twelfth Street, having the entire frontage of the entire block, and in addition thereto their docks with a direct river frontage of nearly 400 feet. Here are carried millions of feet of timber, plank and flooring, comprising all the desirable dimensions usually in demand, and which is kept replenished by constant receipt of cargoes from the South. The firm have splendid office accommodations, and every facility for the prompt filling of the largest orders, employing a large

force of hands and running a great many trucks in the delivery of their lumber to all parts of the city and vicinity. They have also perfect shipping facilities via all the railroads leading out of the city as well as by all the river and canal freight lines, plying the adjacent waters. The copartners, though young men, are widely known, and unremitting in their efforts to meet the wants of customers, permanently maintaining the supremacy in their line, and pursuing a prompt honorable policy that has ever retained for them the confidence of leading commercial circles.

J. D. NUTT, Enameller on Gold, Silver, Copper, Composition, etc., White Linen and Crape Finish, Nos. 32 and 34 John Street.—America can now claim to be fairly abreast with Europe in all the arts and sciences, and in some respects to have taken the lead of the artificers in the Old World. The business of enamelling on gold, silver, copper, and other metals forms no exception, and the work executed in this line in the American metropolis will compare favorably with that done anywhere else in the world. Positive proof of this can be had by paying a visit to the establishment of Mr. J. D. Nutt, Nos. 32 and 34 John Street. Mr. Nutt is a gentleman of middle age. He was born in this city, and has been identified with this branch of trade from boyhood, and what he does not know concerning the business is not worth while inquiring about. Over twenty years ago he started in business on his own account in the immediate vicinity of his present premises. Here he occupies one floor of the building, and this is finely and appropriately fitted up for the business, and a substantial and influential patronage is enjoyed. Mr. Nutt is assisted in the business by four experienced and skilled artisans, and the finest work of enamelling on gold, silver, copper, composition, etc., with white linen and crape finish is executed in the highest style of the art, a specialty being made of enamel painting. Mr. Nutt takes a leading place in his line, and his customers, as a rule, become permanent after once dealing with him. Even outside of his business connections he is a popular and well-liked gentleman.

D. FRISBIE & CO., Elevators, Hoisting Engines, etc., No. 112 Liberty Street.—Elevators and hoisting engines have become a necessity at the present day in manufactories, mills, factories, etc. In constructing these hoisting-machines the chief consideration to be kept in view should be safety, and to buy a badly constructed, cheap, and imperfect elevator is simply suicidal. In connection with these remarks, special reference is made to the reliable firm of Messrs. D. Frisbie & Co., manufacturers of hoisting-engines, etc., whose offices are located at No. 112 Liberty Street. This business was established twelve years ago. The copartners, Messrs. D. and Wm. M. Frisbie, Jas. B. Scranton, S. H. Barnum, and C. F. Root, have had great experience in the manufacture of hoisting machinery, and are fully conversant with every detail and feature of this important industry. The works of the firm are situated at New Haven, Conn. The firm's elevators and hoisting engines, with patent friction clutch, friction-clutch pulleys, and cut-off couplings, are unsurpassed in the United States or Europe for safety, efficiency, utility, and uniform excellence. All the materials used in the construction of these superior hoisting engines are carefully selected from the best, nor is any inferior workmanship permitted. Hundreds are now in use throughout all sections of the United States, and have proved so safe and effective that the demand for them is rapidly increasing. This cut represents the firm's patent



friction-clutch pulley for all kinds of work, heavy or light. By a combination of levers in this mechanism those using it are enabled to weigh the power to such a nicety as to relieve all strain or backlash occasioned by a number of engines or water-wheels running together when this clutch is employed to connect them. In rolling-mills, particularly in brass and rubber mills, it has no equal. Experience in its use has shown that it is impossible for damage or breakage to occur to gearing or machinery on which it is used, if directions are followed. In saw mills for hoisting logs, along docks, in mines, in warehouses, and in fact for all heavy hoisting, it is finding universal favor. Its construction is very simple. The pulley or clutch runs loose on shaft, so that power can be transmitted at any desired speed and amount, allowing the engine or shaft to run at its full capacity at all times if desired. The strong, massive arms on one side, and bolts on the other side of the pulley-ring, are brought in such positive contact with ring by a few pounds of pressure on clutch lever, as to make the pulley as effective as if keyed to the shaft. This is the only pulley in the market on which there is no lubricator used on friction-surfaces, and the only one on which dependence can be placed for heavy work. Messrs. D. Frisbie & Co. promptly fill all orders at the lowest possible prices, and guarantee entire satisfaction to patrons. The partners are all natives of Connecticut, and in the production of hoisting machinery combining strength and safety stand pre-eminent.

W. & R. STOUT & BROTHER, Hides, Leather, and Skins, No. 37 Spruce Street.—One of the representative establishments which so convincingly demonstrate the mercantile supremacy of the metropolis is that of Messrs. W. & R. Stout & Brother, dealers in hides, leather, and skins, at No. 37 Spruce Street. This house was founded in 1835 by Messrs. Minell & Stout, who were succeeded by Messrs. T. & R. Stout, since which time it has been continued in the Stout family down to the present time. Mr. Richard Stout, one of the original founders, died in 1870, and in 1878 the present style was adopted. Mr. William Stout died in 1882, and the business has since been continued by his two brothers, Messrs. R. and George H. Stout, the latter of whom resides in San Francisco as the representative of the firm at that point, while the former is in charge of the main establishment in this city. The building occupied for trade purposes on Spruce Street contains five stories and a basement, 25x100 feet in dimensions, and has been used by this firm for thirty-five years. The house commands all the advantages that are naturally accumulated through long years of identification with an industry, and is thus enabled to render the most-valuable service to those who commit their interest to its care. Every convenience and facility is at hand for the transaction of a large and active business, and no similar concern in the country is more thoroughly prepared for taking proper care of its extensive and still growing interests. The leading specialty of the trade is in California products, in which branch of the leather business this house is recognized as excelling all of its contemporaries in the city. A splendid stock of these products is constantly carried, carefully selected from the best sources of supply by a member of the firm, and calculated to command the attention of careful and discriminating buyers. The characteristics which have ever regulated the business policy of this house are such as to entitle it to universal respect and confidence; its business relations are widespread, its resources are large and ample, its facilities are unsurpassed, and its connections the most influential, while the substantial inducements it offers to the trade cannot readily be duplicated elsewhere. Its goods are shipped to all parts of the United States, and all transactions are placed on a sound and satisfactory footing. The Messrs. Stout are natives of this city, and accounted among those young, vigorous, and progressive business men upon whom the continued development of the metropolis rests.

L AZARUS & ROSENFELD, Manufacturers and Importers of China and Glassware, Stationers' Sundries, Music Boxes, etc. Factories: London, England; Steinschoenau, Gablonz, Altröhlau and Kittlitz, Bohemia; and Branches in Melbourne and Sydney, Australia. New York Warehouse: Nos. 56 and 58 Murray Street.—The import trade of the metropolis is one of the greatest magnitude, and an important branch of it is conducted by Messrs. Lazarus & Rosenfeld, the widely and favorably known manufacturers and importers of china and glassware, stationers' sundries, music boxes, etc. There is no other house possessing such magnificent facilities and influential connections. The firm is composed of Messrs. S. and C. Lazarus and Messrs. A., B., T., and S. Rosenfeld, all of London, England, and who are jointly represented here by Mr. L. Lehmann, the resident American partner. Though young, Mr. Lehmann has had lengthy experience in this line and has been connected with the house since 1879, while in 1883 he was admitted into the firm. The business was established in London upward of twenty-five years ago, and early grew to proportions of great magnitude. The firm became famous in their line, and rank as leaders in the manufacture and wholesale disposal of china and glassware, stationers' specialties, novelties, etc. In 1883 their American trade had enlarged so that the firm opened their branch here, and under Mr. Lehmann's able guidance success has attended their operations. The premises occupied are centrally located, at Nos. 56 and 58 Murray Street, and where is carried full lines of china and glassware, stationers' sundries, such as vases, cups and saucers, dinner and tea sets, cut-glass ink-stands, scrap-books, etc., novelties in bisque and fancy china, glass clocks and dolls, and the choicest make of music boxes from St. Croix, Switzerland. In these lines of goods the firm defies competition, both as to price and quality. Their facilities are unrivalled, for they have factories in London and in the following towns of Bohemia, viz., Steinschoenau, Gablonz, Altröhlau and Kittlitz, employing upward of one thousand hands, and turning out a vast product. Their growing Australian trade is attended to by the branches in Melbourne and Sydney. This reliable house can be recommended to the trade as one most desirable to deal with, and in Mr. Lehmann will be found a merchant of integrity and ability.

NEW YORK WALL PAPER COMPANY (Limited), Manufacturers of Artistic Paper Hangings of all kinds; Salesroom and Factory, No. 500 West Forty-second Street, corner Tenth Avenue.—Art in paper-hangings is as surely present to-day as ever it was in the decorations of ancient Athens, and the highest degree of artistic taste and practical skill is brought to bear by the manufacturer of wall-papers to secure complete effects. This fact is clearly shown in this city by an inspection of the goods now being produced by the New York Wall Paper Company (Limited), at their establishment, No. 500 West Forty-second Street, corner of Tenth Avenue. This company are extensive manufacturers of artistic paper-hangings of all kinds, making a leading specialty of plain and embossed flocks, and are recognized as leaders in their line of industry in this country. The business now so successfully conducted by them was originally established here in 1857 by Messrs. Jones & Smith, and the present company was incorporated in 1883, with a capital of \$200,000, and with the following officers, viz.: President, Lucien C. Warner; Treasurer, Harris H. Hayden; Secretary, Henry M. Cowles. The manufactory is a substantial brick building, containing four floors and a basement, measuring 80x100 feet, on the first floor of which is the retail warerooms fronting on both Forty-second Street and Tenth Avenue, elegant in all their arrangements and appointments, and stocked to repletion with new, choice, and valuable goods, including all the latest designs, novelties, and shades in artistic paper-hangings, manufactured by this company to meet the popular demand. The equipment for manufacturing purposes is perfect and complete in all departments, every improvement and modern appliance being in use to facilitate production, including ample steam-power; and constant employment is given to one hundred and twenty-five hands, all skilled in the art of manufacture. The company have secured the services of a corps of original and tasteful designers, who are expert judges of shades and effects, and are eminently successful in producing patterns that will best serve the purpose of harmonious designs in household decoration. As a result, we find here a stock of wall papers that rank as high in the estimation of art critics and interior decorators as the more expensive goods of foreign make. Gold and highly-colored parlor and drawing-room papers are here displayed, with beautiful dados and friezes to match; while rich library paperings, in imitation of leather, carved oak, and walnut, are shown, with plain and embossed flocks and other superior paper-hangings in bewildering variety and lavish profusion, while extremely rich and pleasing effects are obtained in comparatively inexpensive goods. The trade of the house is immense throughout the entire United States, while an influential and steadily increasing export trade is enjoyed with Europe, the West Indies, South America, and the Canadas. Inducements are offered to dealers and consumers as regards uniform superiority of goods and economy of prices. The officers of this responsible company are gentlemen with whom it is always a pleasure to do business. Experienced in all the details of their branch of manufactures, with a foundation understanding of all the requirements and demands of their extensive trade, and, withal, of high repute and standing in the commercial and industrial circles of this city, they occupy a position as manufacturers and business men that places them, and the institution which they so successfully manage, beyond the requirements of any praise.

FABRIC FIRE HOSE COMPANY, Manufacturers of Cotton Fire Hose and Fire Department Supplies, No. 5 Barclay Street.—The exacting demands of the Fire Departments of the United States for a practically indestructible fire hose, and one that, while light, flexible, and handy, should be economical, durable and mildew proof, have been fully met by the Fabric Fire Hose Company, of Warwick, N. Y. For years past the experience of firemen with the old-fashioned rubber and leathern hose has been utterly discouraging; they burst under even a light pressure, and often gave out at the most critical moments when a great fire was bursting forth and every drop of water needed. Both rubber and leather hose are rotting constantly while not in use; they can never be thoroughly dried except at the risk of cracking, and in the case of leather, becoming hard, stiff, and unmanageable. In freezing weather miles of rubber and leather hose are ruined in our large cities. The writer attended a great fire in Montreal where (with the thermometer below zero) every line of leather hose burst and the suction-pipes of two steam fire-engines also; in this dilemma a whole block was destroyed before fresh hose arrived. These and other weighty reasons show the necessity of using the only fire hose adapted to the needs and requirements of this climate—that of the Fabric Fire Hose Company. The company was

organized about ten years ago, the factory being at Warwick, N. Y., employing eighty hands and being run to its full capacity. The successful management of the concern reflects the highest credit on the President, H. F. Wheeler, Esq., and the Treasurer, J. E. Gillespie, Esq., gentlemen of great executive abilities and sterling integrity. Their main salesrooms are centrally located, at No. 5 Barclay Street, and where is always carried a large and complete stock of their famous mildew-proof, balanced-woven cotton fire hose and fire-department supplies generally. The above hose has features of excellence rendering it superior to all others. The material used as woven is impervious to water, and so treated as to be absolutely mildew-proof. Consequently it never rots. It is the lightest hose in existence, yet the strongest, and stands the enormous pressure of our heaviest engines, forcing streams to the roofs of lofty buildings, better than any other make. The merits of the Fabric Company's brand are generally recognized. It has come into use all over the world, and is rapidly superseding the costly and inferior hose that encumbers so many departments. We recommend those chiefs and commissioners who have not yet tried this hose to send an order at once. It has saved and will save millions of dollars of property by sustaining all pressures and not bursting, etc., while it is the handiest and cheapest, as shown by its preferential use in the large cities. Messrs. Wheeler and Gillespie are prompt, responsible business men, and are universally popular and respected in metropolitan commercial circles.

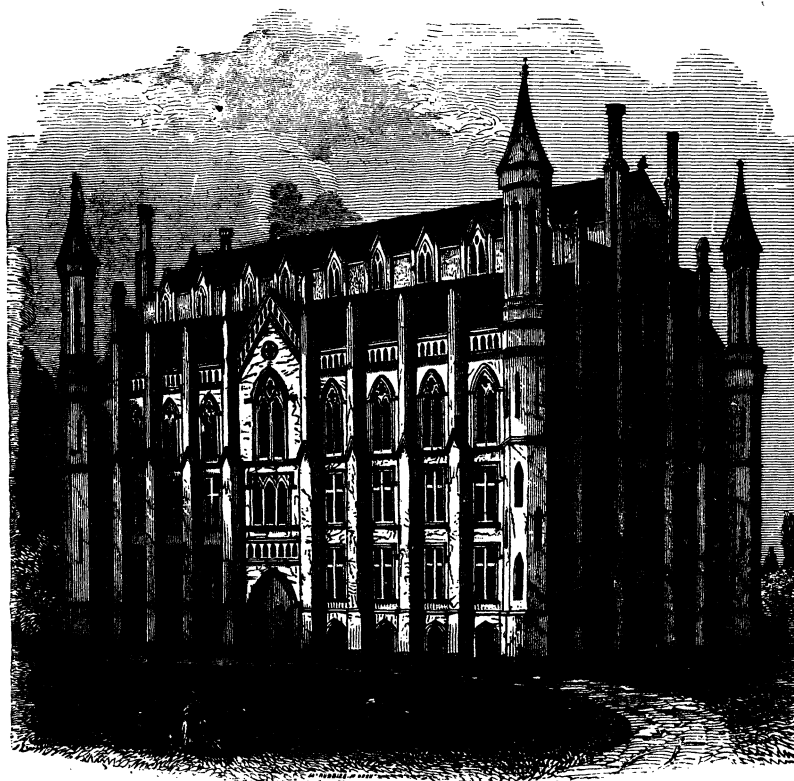
THE NEW YORK COAL-TAR CHEMICAL COMPANY. Offices, No. 10 Warren Street; Works, Shady Side, N. J.—The leading distillers of coal-tar and ammonia in the United States are "The New York Coal Tar Chemical Company." This business, founded over twenty-five years ago, increased in such proportions that in 1872 it was deemed best to incorporate the same with a capital of \$275,000, under the title of The New York Coal Tar Chemical Co. The company's officers are as follows: I. D. Fletcher, President; E. H. Kidder, Secretary; T. W. Weeks, Treasurer. Their works are situated at Shady Side, N. J., and are extensive and strictly first-class, having every appliance for the effective conduct of their business, affording steady employment to upwards of 100 hands. The company contracts for and secures a supply of the crude coal-tar and ammonia direct from the gas companies of this and adjoining cities, which is economically handled to the best advantage. The company's products find a market not only in this city, but throughout the United States as well, and have ever maintained an enviable reputation. Those interested should call upon or communicate with the executive officers, at the company's headquarters, No. 10 Warren Street. This industry is one of great value, utilizing by-products of coal which for many years were a source of expense and annoyance, but are now converted into such standard chemicals as sulphate of ammonia, carbolic acid, naphtha, benzole, and oils used extensively in preserving timber, as well as materials for roofing and for water-proof papers for building and packing purposes.

J. B. PARKS, Manufacturer of Lithographic Presses, No. 127 Worth Street.—The house of Mr. J. B. Parks, the popular manufacturer of lithographic presses, is, without question, a representative one in its special field of industry in this city. It was established here in 1881, and during the time which has since elapsed, it has acquired a reputation and a patronage that is eminently creditable to its management. Mr. Parks has enjoyed a practical experience of twenty-two years at the trade, and is actively and prominently engaged in the manufacture and repair of lithographic presses, and in every description of jobbing work pertaining thereto. His workshop is equipped with the latest improved machinery, operated by steam-power, and a number of skilled assistants contribute to the satisfactory operations of the house. The proprietor is ready at the shortest notice to manufacture anything in this line from plans and designs submitted to him, and will furnish estimates for the same when desired. He brings to bear upon the business the ripest experience, and exercises a close personal supervision over all transactions, thus insuring his patrons only such productions as will withstand the most critical tests, as regards both the materials used and the workmanship employed. His patrons come from all parts of New York, and the United States, Canada, and South America, and the trade is constantly increasing. The prices which prevail are such as to add materially to the popularity of the house. Mr. Parks is a native of this city, and recognized not only as an able and expert master of his art, but a reliable citizen and responsible business man.

HENRY SEIBERT & BRO., Lithographers and Engravers, Nos. 12 and 14 Warren Street.—One of the most deservedly celebrated firms of lithographers and engravers in the United States is that of Messrs. Henry Seibert and Brother, of Nos. 12 and 14 Warren Street. The house is very old established, dating back to 1852, and has had one of the most successful and creditable careers on record. The partners, Messrs. Henry and Charles Seibert, are acknowledged experts and authorities in their line. They have been closely identified with the lithographing and engraving business for upwards of forty years past, thus bringing to bear the widest range of practical experience coupled with perfected facilities and influential connections. Their trade has grown to proportions of great magnitude, and theirs is a house where the largest jobs can be executed with despatch, and in the highest style of the art. The premises occupied comprise three entire floors, each 50x100 feet in size, and completely fitted up with the latest improved machinery and appliances. The proprietors are noted for their equipment; they have five of the largest and best lithographic presses in use, and scores of smaller ones, while from 75 to 100 hands are employed. The firm do a great deal of fine theatrical work—posters and window-bills, got up in the most perfect manner, harmonious in design, accurate in drawing, and rich in colorings. Many of our leading theatrical companies, circus and amusement

town, and the copartners are to be congratulated upon the large measure of success attending their ably-directed efforts. Leaders in their line, they are gentlemen of sterling integrity and marked enterprise, who have ever retained the confidence of leading commercial and financial circles, and are thoroughly representative of American progress and ability.

JAMES F. HIND, Storage Warehouses, Nos. 415 to 419 Washington Street and Nos. 51, 53, 55 and 57 Vestry Street; Office, No. 423 Washington Street.—One of the largest storage warehouses in the city is that of Mr. James F. Hind, which is located at Nos. 415 to 419 Washington Street, also at Nos. 51, 53, 55 and 57 Vestry Street, with office at No. 423 Washington Street; telephone No., 241, Spring. Mr. Hind was born in Nottingham, England, but has been a resident of the United States for many years. He established this line of business in 1870, and has built up a very large and substantial patronage, including a large number of our most prominent and reliable importing and exporting houses. The buildings occupied are four in number, each seven stories in height, and are thoroughly equipped with every requisite for the proper transaction of the business. They cover a large area, substantially constructed and admirably adapted for their uses. They contain constantly a very large amount of valuable merchandise principally



1860—Free Academy, or College of the City of New York.

combinations, get all their fine lithographic work done here. The concern numbers among its customers also leading financial corporations, banks, insurance companies, brokers, merchants, etc., and does fine work in the line of bond and stock certificates, bank checks, notes, drafts, bills of lading and exchange, fire and life insurance policies, letter and note headings and business cards of exceptionally high quality. Labels, maps, plans, views, diplomas, show-cards, music, etc., are all specialties, and can be done here in the most perfect manner. One feature in especial is the successful manner in which they handle corporation and railroad bonds. Their thorough knowledge of the requirements of these documents has renowned them for the ability of turning them out quickly and correctly. The firm does the finest lithographic steam-printing in

the property of the leading merchants of this and other cities throughout the United States, which are valued at times at many millions of dollars. The warehouses are conveniently located in the immediate vicinity of the leading foreign and domestic steamship lines, also of the great trunk lines of railroad, thereby saving to patrons many dollars in cartage. Every facility is provided for the safe preservation of all articles placed on storage here, as the buildings are fire-proof in their construction and are supplied with electric fire and burglar alarms, while faithful and responsible watchmen are constantly on the alert looking after the interests of all concerned. Mr. Hind resides in New Jersey, where he is as highly respected as he is among the merchants and financial men of the great metropolis.

ARNOUX-HOCHHAUSEN Electric Company, No. 480 Pearl Street.—The world wide celebrity achieved by the Arnoux-Hochhausen Electric Company is entirely owing to the manifest superiority of their dynamos and other machines. The company was duly organized under the laws of the State of New York in 1880 and has had a career of the most remarkable usefulness. The company's works were originally located at Nos. 221 to 227 East Twentieth Street, but three years ago were removed to their present quarters, No. 480 Pearl Street. Here operations are conducted upon an extensive scale under the direct superintendence of Mr. Herman Boissier, the company's General Manager and Electrician. He brings to bear the experience acquired during twenty years' active identification with electric investigation. He is a born inventor, of superior executive abilities, who has made a close study of the most difficult problems presenting themselves in several of the most important branches of the applied science of electricity. Like Edison, he has met with marked success and stands pre-eminent as the designer and perfecter of the best type of dynamo, and lamps, and the most successful, popular machines for the deposition of metals. His company as now constituted has a vast career of prosperity and usefulness before it. The Treasurer is Mr. F. A. Potts, Jr., son of the well-known Pennsylvania coal operator, with offices in the Standard Oil Building. He is largely interested in extending the company's field of operations, and faithfully discharges the onerous duties devolving upon him. It was the Arnoux-Hochhausen Company that furnished the electric illumination for the Presidential Inaugural Ball at Washington, March 4th, 1881. The company's latest achievements are due to the remarkable inventions of Mr. Herman Boissier, who has had issued six patents that cover improvements rendering the company's Dynamos the most perfect of any in existence. The company manufactures electric lighting machines from one to fifteen lights in size, while larger ones are furnished at shortest notice. Probably the most popular size is their ten-light Dynamo for factory uses, which can be used at will from one to ten lights without changing speed. With the company's improved lamps, the steadiest and most brilliant light is produced at the lowest cost on record. Mr. Boissier has invented the only double-circuit depositing machine in existence for refining purposes as well as electrotyping and plating. It generates a quantity current for electrotyping and will at the same time deposit nickel and other metals by means of the quick circuit, which has never been done successfully before with any machine. The trade will be surprised to learn that it will produce a good shell in an hour. All machines are absolutely guaranteed against burning out. They are in use by the leading publishers and electrotypers of America, including George Munro, Harper Bros., Raisbeck Electrotype Co., Denyse & Sons, Trow's Printing House, Mackellar, Smiths & Jordan of Philadelphia, Matthews, Northrup & Co. of Buffalo, Public Printer's office at Washington, Atlas Publishing Co. of Sydney, Australia, and many others. Convincing testimonials are given by the above houses, and those interested should send to Mr. Boissier for his beautifully illustrated descriptive book. He furnishes estimates for plants on application, and prices, quality considered, cannot be duplicated elsewhere. Mr. Boissier has placed the company's business upon a sound footing of efficiency, and New York is to be congratulated upon having such an important concern as this so permanently located in her midst.

STEWART'S Patent Lap-seal Ready Roofing, No. 74 Cortlandt Street.—Prominent among the manufacturing enterprises of the metropolis, deserving of honorable mention in this review by reason of their intrinsic merit, is that so successfully conducted by Mr. W. H. Stewart, at No. 74 Cortlandt Street. This gentleman enjoys a national reputation as the sole manufacturer of Stewart's Ready Roofing, Stewart's Iron-fibre Paint, Stewart's Machine-waxed Sheathing, Iron-fibre Compound Cement, and Plastic-iron Cement, and has been engaged in this industry here for a period of twenty-five years. His salesrooms at the address above indicated are eligibly located, and unsurpassed facilities are at hand for conducting all branches of the business under the most favorable auspices. Stewart's Patent Lap-seal Ready Roofing is the only roofing in the market in the application of which absolute security against leaks or joints is assured. It can be applied by ordinary workmen, having no experience, by following the directions given in the pamphlet sent out by Mr. Stewart, which embraces full information regarding all materials, and how to repair and preserve roofs of all kinds. Stewart's Machine-waxed Sheathing is absolutely water-proof, air-proof, and

fire proof, odorless and perfectly clean to handle, and is the cheapest and best in the market for lining buildings under clapboards, shingles, slate or tin, for covering floors over damp cellars; for lining packing-cases for shipment by sea; for lining refrigerators and ice-houses; for all purposes where a perfectly water-proof sheathing is required, and is for sale by the hardware and lumber trade generally. Stewart's Iron-fibre Paint is used for painting tin, iron, and shingle roofs, factory, farm and railroad buildings, freight cars, bridges, fences, and iron-work of every kind, and is all ready for use. It is warranted pure linseed oil and highest grades of iron oxides, and comprises three colors only, red, ochre, and brown. The Iron-fibre Compound Cement is for cementing around chimneys, skylights, and along parapet walls, and for repairing defective places in leaky roofs of every kind. The Plastic-iron Cement is especially adapted for recoating felt roofs and roofs that by reason of age or neglect have become so much out of repair that pain of ordinary consistency will not be effective in making them water-tight. These valuable specialties are manufactured by contract, and all orders and commissions by mail, or otherwise, receive prompt and satisfactory attention. They are in heavy and influential demand all over the United States, and have given this house a prestige and a patronage that could not be acquired in any other way. Mr. Stewart, the patentee and proprietor, is a native of Orange County, N. Y., and a gentleman of ripe experience and commanding ability as a manufacturer, standing high in the esteem of his fellow-men in all the relations of life. At no previous time in the history of his business, despite the severe competition in the market, have his affairs been in a more prosperous and flourishing condition, which is the best possible proof of the merit of his productions.

MCNAB & BELDEN, Manufacturers of Steam Pipe and Boiler Coverings. Main Office, No. 29 Hubert Street.—The saving of steam by covering steam pipes is very important and in many cases is an imperative necessity. A permanent and successful firm in New York, engaged in the manufacture of steam-pipe and boiler-coverings, is that of Messrs. McNab & Belden, whose main office is located at No. 29 Hubert Street. The branch office of the house is at No. 97 Prospect Street, Paterson, N. J., and the factory at Little Falls, N. J. This business was established fifteen years ago by Messrs. G. McNab & Thomas Belden, both of whom are practical manufacturers, fully conversant with every detail and feature of this useful industry, and the requirements of patrons in all sections of the country. Messrs. McNab & Belden manufacture largely, to order or otherwise, steam-pipe and boiler-coverings of every description, and felters' supplies in general. Their steam-pipe coverings prevent the radiation and condensation of steam, and they also supply linings for refrigerators and ice-houses, and their specialties protect water-pipes from freezing even in the severest weather. Estimates are promptly given for all branches of covering. In their factory they employ thirty skilled operators, and their trade now extends throughout all sections of the United States and Canada. Both Messrs. McNab & Belden are natives of New Jersey.

C. H. LUEDEKE, Wholesale and Commission Dealer in Butter, Cheese and Eggs, Nos. 382 Greenwich and 647 Hudson Streets.—The commercial interests of the metropolis contain no more active department of enterprise than that devoted to the commission trade in butter, cheese, and eggs, and many of our most progressive merchants are engaged in this line. One of the most prominent and prosperous of these is Mr. C. H. Luedeke, whose establishments are located at Nos. 382 Greenwich and 647 Hudson Streets. This gentleman founded his business in 1877, bringing thorough knowledge to bear in his operations, and his energy and ability have resulted in building up a substantial and influential patronage, his trade being of permanent and first-class character. The premises occupied are spacious, commodious, and fitted up with every convenience for the handling of a larger active trade such as the house commands, and every facility is possessed for meeting the requirements of patrons in the most satisfactory manner. Consignments are received from all parts of the country, liberal advances are made when required, quick sales are effected, and remittances are made promptly and accurately. The influence exercised by this establishment on its special line of trade has been of the most salutary and useful character, and those interested forming business relations with Mr. Luedeke may depend on receiving prompt and liberal treatment and other advantages difficult to be secured elsewhere.

BATES & WILSON, Hardware Manufacturers and Commission Merchants, No. 80 Chambers Street.—Many of the principal hardware manufacturing concerns in this country are represented in the metropolis by Messrs. Bates & Wilson, who are general commission merchants and manufacturers' agents, making a specialty of handling hardware goods of all kinds. This concern succeeded to the old house of Clark & Wilson, which was originally founded nearly seventy years ago by Mr. J. Clark Wilson, who was succeeded by Tennis & Wilson, then by Bates, Wilson & Co. and, finally by Bates & Wilson, of which firm Messrs. Emory L. Bates and W. Kumbel Wilson are members. The firm occupy spacious premises, carry a very large stock, have a trade of a wholesale character reaching to every section of the country, and their business is yearly increasing in volume. In addition to carrying a general line of hardware, the firm are agents for Snell Mfg. Co., auger and car-bits, augers, ship-augers, boring-machines, etc.; Snell's Jennings Pattern auger-bits; Snell's Jennings Pattern auger-bits, in fancy wood boxes; Snell's extra auger-bits, in fancy wood boxes; New London Vise Works, superior solid box vises; Fisher & Norris, Eagle anvils and chain vises; Chas. Buck, chisels, gouges, nail-sets, etc.; genuine Wellington Mills emery; S. F. Leach & Co., saw-sets, spring-punches; American Shearer Mfg. Co., horse and barbers' clippers; Chester Mfg. Co., reamers, double-cut gimlet-bits, counter-sinks, and German gimlet-bits; Condit ice-house fasteners; Clark's expansive-bits; Peck's shingling-hatchets, etc.; Morrill's saw-sets; Coe's wrenches; B. W. & Co., parallel-vises; Reed's Lightning-braces; Collier's brad-awls and cold-chisels; Peerless freezers. The position of the firm in mercantile circles is second to that of no other house in the trade.

CHAMPENOIS & CO, Manufacturing Jewelers, No. 5 Maiden Lane.—The list of manufacturing jewelers in New York contains many names whose operations are as creditable as they are extensive, but none have a higher business reputation, or command a trade penetrating a wider area of demand than Messrs. Champenois & Co., whose establishment is located at No. 5 Maiden Lane, with a factory at No. 50 Walnut Street, Newark, N. J. The senior partner, Mr. Isaac Champenois, was a member of the firm of McIntyre, Champenois & Bedel, from 1866 to 1876, when he withdrew, and established his present enterprise, with the assistance of his son, Mr. C. C. Champenois, who had been trained to the business, and the firm have been continuously successful and prosperous from the start. Their establishment is spacious and attractive, and employment is given to about forty skilled workmen. The range of manufacture embraces engraved, enameled, imitation pearl, and white stone goods, the productions of the house being noted for their exquisite designs and superior workmanship. Many of the patterns are original with the firm, and display the cultivated taste of the true artist. A specialty is made of a patent sleeve-button, known as the Best Lever, which is in popular and extensive demand wherever introduced, and has added materially to the prestige of the firm as enterprising and progressive manufacturers. Orders are executed with promptness, and goods are safely shipped to the remotest points. Both in the excellence of the work and in the moderate prices obtaining the house offers very important inducements to customers. The aim of the proprietors is not only to satisfy every demand of the trade, but also excel in the novelty and utility of its productions, and as a result the volume of business is undergoing a steady and healthy increase. The firm command every opportunity of the market, and are prepared to place all transactions upon a substantial and satisfactory basis. Business relations once entered with them are sure to prove both pleasant and profitable to all concerned. The Messrs. Champenois are recognized in the city of Newark, N. J., as useful and honorable citizens, thoroughly responsible as manufacturers and business men, and deserving of the confidence and patronage of the trade in the highest degree.

CALLANAN & KEMP, Wholesale and Retail Dealers in Choice Family Groceries, No. 41 Vesey Street.—One of the business landmarks of Vesey Street, and a prominent headquarters for choice family groceries in this city, is the establishment of Messrs. Callanan & Kemp. This house was founded in 1843 by Mr. P. Lynch, on the present site. In 1857 Mr. James A. Kemp became a member of the firm of P. Lynch & Co., and in 1872 Mr. Kemp combined with Mr. Lawrence J. Callanan to form the present firm. The present building was erected in 1882, and contains six floors, measuring 32x51

feet, and fully equipped with every appliance and facility for the handling and preservation of the choice and valuable stock. Here will be found an unusually large and first-class assortment of foreign and domestic fancy and staple groceries, including French, German and English delicacies, such as canned fish, fruit, and vegetables, imported pickles, sauces, and preserves, prepared mustards, relishes, salad dressings and condiments of all kinds, potted meats, and fine delicacies of American growth and preparation, canned meats, soups, and table luxuries, choice family and bakers' flour, farinaceous articles, and everything usually found in a first-class establishment. The great specialties of this responsible house, however, are the best brands of teas and coffees, whose superior qualities have been well known and recognized by the trade and consumers for upward of half a century, and it is known as the only depot for the celebrated "41" brand of tea. This brand is a blend of several teas, each one in such proportion as not to destroy the flavor of either, the blend making one of the richest teas ever offered in this city. This firm also invites the attention of the public to their English breakfast coffee in three-pound canisters for 20 cents. In fact, the goods of this establishment are highly esteemed throughout the city and surrounding country for their quality, purity, freshness, and moderate prices, while customers have the satisfaction of knowing that nothing inferior or adulterated will be offered them. The firm possess ample facilities, in consequence of their influential connections, of conducting all transactions under the most favorable auspices, and are always prepared to grant their patrons every possible advantage in goods and prices. The members of this firm are among the wide awake, enterprising and progressive merchants of the city, buying all their goods from first hands for cash, and guaranteeing satisfaction in all transactions. Mr. Callanan is a native of Ireland, and has resided in New York for thirty-two years. Mr. Kemp was born in this city, and both are gentlemen of high repute and wide popularity in social and business circles.

THE HUNGERFORD COMPANY, Manufacturers of and Dealers in the Hungerford Roaster and all kinds of Coffee Machinery, No. 69 Cortlandt Street. G. W. Hungerford, President.—A successful and widely known house actively engaged in the manufacture of coffee-roasting machinery and other specialties in New York is that of "The Hungerford Company." This business was established in 1879 by G. W. Hungerford & Son, who were succeeded by Hungerford & Co. Eventually, in 1888, the present company was incorporated under the laws of New York with ample capital, the officers being G. W. Hungerford, president, and Geo. S. Hungerford, secretary. The factory is fully supplied with all modern tools, appliances, and machinery necessary for the successful prosecution of the industry. Thirty experienced mechanics, operators, etc., are employed, and the machinery is driven by steam-power. The company manufactures to order or otherwise, special machinery for roasting, scouring, polishing, glossing, separating, elevating, or otherwise manipulating coffee, tea, peanuts, seeds, and grain of all kinds. They likewise turn out ventilating, heating, or cooling machinery, and attend carefully to gas and steam fitting and sheet-iron work of every description; also the setting of engines and boilers; in short, the general fitting up of mills, factories, etc. The company likewise supplies boilers, engines, shafting-hangers, pulleys, belting, and all kinds of millwrights' and machinists' supplies. The company makes a specialty of "The Hungerford Roaster." This roaster is constructed to utilize the heat to the best possible advantage, and certainly will save from 25 per cent. to 50 per cent in the expense of fuel. The interior arrangement is entirely different from other roasters. In all other machines a portion of the coffee must lay for a considerable time in direct contact with the hot iron of the shell or conveying screws or worms inside the cylinder, while in the Hungerford roaster this great objection is obviated. The coffee laying in contact with the hot iron of a roaster will burn or spot at the point of contact (in any roaster where portions of the coffee stick or lodge this is very evident) in this roaster it is impossible for any of the coffee to lodge or lay in contact with the iron long enough to spot in the least while the cylinder is in motion. This roaster used without heat will be found to be one of the best milling and scouring machines; thus it has the advantage of combining the principles of a roaster and mixer, and must turn out a better quality of roasted coffee than it is possible to do in any other. Mr. G. W. Hungerford has had fifty years' experience, while his son, Mr. Geo. S. Hungerford, has been brought up in the business.

BENEKE BROS., Manufacturers of Hand-sewed Shoes, Nos. 199 and 201 Canal Street.—A reliable and representative house in New York, extensively engaged in the manufacture of hand-sewed shoes, is that of Messrs. Beneke Bros. This business was established in 1876 by Messrs. William and Gustave Beneke, who conducted it till 1883, when Mr. Gustave Beneke died, after an honorable and successful career, and was succeeded by his brother, who still carries on the business under the old firm-name of Beneke Bros. The premises occupied comprise a superior five-story and basement building 25x75 feet in dimensions, fully supplied with every appliance and facility for the successful prosecution of the business. Mr. Beneke employs one hundred and twenty-five skilled and experienced workmen, and his trade now extends throughout all sections of the United States. All goods of this famous house are hand-made, and are noted for their superior workmanship, fine material, and elegance of finish, and possess all the elements of durability with the advantages of easy fitting, comfort, and attractive appearance. Mr. Beneke manufactures largely perfect-fitting shoes for dress and walking; shoes for tender and deformed feet; pedestrian, athletic, and baseball shoes; jockey and coachmen's boots; also waterproof and hunting goods,—which are absolutely unrivalled for superiority and uniform excellence, while the prices quoted in all cases are extremely moderate. Mr. Wm. Beneke was born in Germany, but has resided in America for the last seventeen years. He

house extends throughout all sections of the United States and Canada. Mr. Brinkerhoff, the New York selling agent, has been engaged in the glass trade for the last forty years. He is a native of New York, and is highly esteemed in mercantile circles.

FUCHS & LANG, Manufacturers of Bronze Ink, Fine Blacks, and Printing Inks of every description. Works: Nos. 99 & 101 North Third Street, Brooklyn. Offices: No. 29 Warren Street. —One of the great representative firms engaged in the manufacture of printing inks, and having features of superiority possessed by no others, is that of Messrs. Fuchs & Lang, of No. 29 Warren Street. The proprietors are gentlemen of vast practical experience, and enjoy unrivalled facilities. The business was founded in 1870 by Messrs. John A. Fuchs and J. C. F. Lang. Mr. Fuchs was born in Germany, and there was engaged in bronze-powder manufacture prior to coming to New York. Mr. Lang, also a native of Germany, came to the United States some twenty-five years ago, and is one of the oldest members of the trade in New York. In 1878, Mr. J. N. Fuchs was admitted, taking the place of Mr. J. A. Fuchs, who retired. The firm were engaged in importing their famous Bronze inks and fine blacks up to 1882, when the demand for same had attained proportions of such magnitude, that they opened a large factory on this side, locating at Nos. 99 and 101 North Third Street, Brooklyn, E. D.



1860 Orphan Asylum.

commenced business in a very modest way, but by industry, frugality, and enterprise is now proprietor of one of the most extensive boot and shoe establishments in the metropolis.

BOSTON AND SANDWICH GLASS CO., Manufacturers of Blown and Cut Table Glass, Decorated Lamps, etc., No. 17 Murray Street; C. E. L. Brinkerhoff, Selling Agent.—A representative and old-established corporation, actively engaged in the manufacture of blown, cut, and pressed glass goods of every description, is that of the Boston and Sandwich Glass Co. The works of the company, which are among the largest and best-equipped in the United States, and furnish employment to several hundred workmen, are in Sandwich, Mass. This company was duly incorporated under the laws of Massachusetts in 1825, and now has a paid-up capital of \$500,000. The following are the officers, viz.: J. D. Parker, President; Gorham Rogers, Treasurer; Henry F. Spurr, General Manager. The company's selling agent in New York is Mr. C. E. L. Brinkerhoff, and in San Francisco, Mr. H. F. Marsh. The Boston and Sandwich Glass Co. manufacture extensively blown, rich cut and pressed table glass, and decorated lamps. These goods are unrivalled for quality, finish, elegance of design and uniform excellence, and have no superiors in the American or European markets, and the trade of the

The premises are extensive and fitted up with the latest improved machinery and appliances, and in every respect the model printing-ink works of the United States. Here the firm employ a large force of skilled hands in the production of the choicest bronze ink known to pressmen. It is of a richly magnificent golden hue, that cannot be duplicated by any other brand, and it is in use by leading-book, card, job, and wood-cut printers. The firm's black inks are equally famous, and have the preference for fine letter-press and job work. The firm's formulas of manufacture possess elements not found in other inks, and the highest standard of excellence is maintained. In 1883 the firm established a branch house at No. 81 Dearborn Street, Chicago, to meet the demands of the western trade, and have enlarged their manufacturing facilities, enabling them to fill all orders at the shortest notice. They guarantee all their inks to be of superior quality, and are confident they will give better satisfaction than any other makers. The firm possess unrivalled facilities and advantages, and from their long-established and continued increase of trade from all parts of the Union, enables them to sell at prices most satisfactory to dealers and consumers. Messrs. Fuchs and Lang are both gentlemen of ability and integrity, and have achieved an honored success, ever retaining the confidence of leading commercial circles.

RUTZLER & BLAKE, Manufacturers of Steam and Hot Water Heating Apparatus, Nos. 176 and 178 Centre Street.—The use of steam and water heating apparatus for warming and ventilating public and private buildings has become so general and popular as to make the supply of inventions of this character an important industry in every large community, and a leading headquarters in this line in New York is the establishment of Messrs. Rutzler & Blake, the popular manufacturers of steam and water heating apparatus, at Nos. 176 and 178 Centre Street. The members of this widely known firm are Messrs. E. Rutzler and G. W. Blake. Mr. Rutzler has been established in this line of enterprise in this city for fully fifteen years, while Mr. Blake has been engaged therein since 1854. In 1883 they united their forces and organized the present firm, forming by this union a business house of the largest experience, the broadest enterprise, and the most comprehensive knowledge in the field of industry and trade. The premises occupied by them for manufacturing and sales purposes comprise a store and basement, 50x75 feet each, and three floors and a basement, 25x80 feet each,—all of which splendid floor-space is utilized for the purposes of the firm. The equipment of tools, appliances, and machinery is of the most complete and perfect character, ample steam-power is afforded, and employment is given to from 100 to 160 skilled and experienced hands. In the construction of their specialties it has been the aim of this firm to produce an apparatus which should be economical in consumption of fuel, efficient in operation, easy of management, compact and durable; and they can safely base their claim to success on the favorable opinions expressed by men of acknowledged mechanical ability who have investigated the merits of their products. Their heaters, both high and low pressure, for warming and ventilating public and private buildings, are all made of the best material, are thoroughly tested, and have always given perfect satisfaction wherever used. A visit to the warerooms of this firm, where a splendid stock of these inventions is constantly carried, will satisfy the most skeptical of the superiority of these heaters. They are in heavy and increasing demand in all sections of the United States, and are sold at prices which place them beyond the chance of successful competition. Messrs. Rutzler and Blake are both natives of New York, in the prime of life, and gentlemen of business ability, capacity, and integrity, with whom it is ever a pleasure to deal.

SAMUEL S. TOOMBS, Manufacturer of Ale Pumps, Lager Beer Apparatus, Liquor Measures, etc., No. 10 Peck Slip.—This establishment is over a half century old. The business was originally founded in 1833 by James M. Whitfield, and was conducted by him until 1883 when Mr. Toombs, who had been in Mr. Whitfield's employ for upward of thirty years, became the proprietor, for which his long experience amply qualified him. Mr. Toombs carries on an active business as a manufacturer of every description of ale pumps, lager beer apparatus, liquor measures, hot-water kettles for bar-rooms, ale and lager beer faucets, liquor pumps, drains and urns, tin-lined faucets, block tin pipes, etc., and supplies both a wholesale and retail demand, the trade extending to all parts of New York and the adjoining States. Repairing pumps of all kinds is promptly attended to, and all orders are executed in the most workmanlike manner. The spacious store occupied is filled with a very heavy stock of goods in the above line, all of the most reliable grades of manufacture, and the same are offered at the lowest rates. Mr. Toombs is a native and resident of Brooklyn.

L. F. FECHTMAN & Co., Importers and Jobbers of Upholstery Goods, No. 183 Canal Street.—Among the most enterprising and popular importers and jobbers of upholstery goods in the United States are Messrs. L. F. Fechtman & Co. This firm has all the necessary facilities and the ability to take the lead in this important branch of commerce, and the trade generally recognizes the advantages of making purchases here. The business was established in 1880 at the present stand, No. 183 Canal Street, so central to the wholesale furniture houses, Mr. L. Foreman Fechtman forming a copartnership with his brothers Messrs. G. H. and F. W. Fechtman under the existing name and style. They occupy an entire five-story building at No. 183, 25x100 feet in dimensions, and the lower part of No. 181, fully stocked with a complete variety of furniture coverings, including the richest designs and colorings of foreign and domestic fabrics in new silks, tapestries, all styles of plushes, satin damasse, silks, brocaded patterns, etc., also satines and mate-

rial suitable for furniture slip covers. Both as to price and quality this stock cannot be duplicated elsewhere. There is also a department devoted to draperies, etc. The firm keep on hand all styles of gimps, fringes, etc., and other materials for upholsterers and also manufacture a superior quality of elastic spiral springs for chairs, couches, sofas, etc. Their enterprise and energy are observable all through this immense stock, and large shipping orders are daily filled to all parts of the United States. From twenty-five to thirty hands are employed inside, while the house is represented on the road by its own travelling salesmen. The Messrs. Fechtman are natives of New York, and though young men in years, are old in experience, and have developed a trade of great magnitude, achieving a record accorded only to those whose transactions are based upon the strictest principles of commercial honor.

WOGLOM COMPANY, Packers and Wholesale Dealers in Oysters and Clams; Barges Nos. 4, 5, and 6, foot of Charles Street.—One of the most reliable houses in the wholesale oyster trade of the metropolis is that of the Woglom Company, located at barges Nos. 4, 5, and 6, foot of Charles Street. The business so successfully conducted by this company was established some fifty years ago, and has been under the control of the present management since 1877. Mr. Tim Shea, the proprietor in charge, has had a practical experience of thirty years in the oyster business, and is ably assisted in the management by Mrs. Shea. Their two barges, three stories high and 24x80 feet each, are finely fitted up with every modern convenience for the business, and constant employment is given to some thirty experienced hands. This company handles only the best oysters, and forwards them in barrels, pails, cans, tubs, gal lons, halves, quarts, kegs, and buckets, shipping large quantities every day to their numerous patrons in this city and throughout the Western States. The best possible facilities are at hand for guaranteeing the prompt and perfect fulfillment of all orders, and unsurpassed inducements are offered to the trade as regards both reliability of goods and liberality of terms and prices. No house in the trade is in a position to grant more desirable advantages to patrons or to minister with more complete success to every need and requirement of dealers. Its aim has always been not only to meet promptly every want, but also to offer the very best in every case that the markets afford. Patrons can implicitly rely upon receiving a fresh and delicious oyster, together with honorable, reliable and liberal treatment in every respect. Mr. and Mrs. Shea are both natives of New York, in the prime of life, active, energetic, and industrious in all their methods, reliable and responsible in their dealings, and eminently popular with their host of permanent patrons throughout the country.

EBENEZER COOK, Manufacturer of Pharmaceutical Specialties, Proprietary Medicines, etc., No. 62 Cortlandt Street.—Among the eminent business men of our city who are devoting their energies to the benefit of their fellow-men, none are better known or more highly esteemed than Mr. Ebenezer Cook, of No. 62 Cortlandt Street. It is now over half a century since Mr. Cook entered the employ of a drug establishment as clerk. After acquiring a thorough knowledge of his profession, and amassing sufficient capital for the purpose, he established himself in the drug business, meeting with signal prosperity, and becoming one of the most prominent wholesale merchants in this line in the metropolis. In 1880 he was overtaken by business reverses, and he gave up his drug establishment, entering upon the prosecution of his present industry the same year. Mr. Cook manufactures a large variety of proprietary medicines and remedies from his own formulas, among the number being Cook's Marjoram Cream; Honey of Flowers; 4, 3, 2, 1 Liver Pills; Hair Restorer; Uncle Sam's Cough Cure; Blackberry Balsam; St. John Fever and Ague Pills, etc. His most valuable specialty is Marjoram Cream, and travellers and tourists both in this country and abroad should always have a supply with them, as it is indeed a traveller's friend. The specialties are made from the most reliable materials, and are unsurpassed by any similar goods in the market for the purposes to which they are adapted. They command a large sale in all parts of the United States where they have been introduced, and are held in popular esteem by the public. Mr. Cook carries a large stock on hand to meet the wants of the trade, and dealers will find his goods most profitable and desirable to handle. He is liberal in his terms, and may be relied upon to conserve the best interests of all who favor him with their patronage.

UNITED CONFECTIONERS' ASSOCIATION, Wholesale Confectioners' Supply Establishment, No. 33 Jay Street.—The leading representative of the trade in confectioners' supplies of all kinds is generally recognized to be the "United Confectioners' Association" of No. 33 Jay Street. It is one of the most ably and honorably managed corporations in the country, and was duly organized in the year 1866 by leading manufacturing confectioners and merchants (and now of twenty-two years' standing) to supply the long-felt want of an establishment where the trade could purchase the best and purest goods in their line at the lowest prices. The Association has met with the success it deserved, and is the best concern in its line in the United States. Much credit is reflected upon the officers, who are as follows: President, E. A. G. Intemann, Esq.; Vice-President, H. W. Hoops, Esq.; Secretary, John Brummer, Esq.; Treasurer, H. H. Mack, Esq. Board of Directors: Messrs. H. F. Hoops, J. F. Cordes, F. Lange, Ch. Heins, H. Bocker, J. Reis, and J. H. Eggers. A more representative body of business men could not have been gathered together, and it is under their honorable and reliable guidance that such a heavy and permanent trade has been gathered. The premises occupied by the association comprise the entire four-story-and-basement brick building, No. 33 Jay Street, twenty-four feet by one hundred and ten in dimensions, suitably fitted up, and where is carried an immense stock of confectioners' supplies, including the purest sugars and molasses; the choicest almonds, cocoanuts, peanuts, walnuts, cocoa, and chocolates; strongest flavors extracts, and essential oils, fruit-juices, etc.; the most reliable and harmless coloring materials, etc., etc. The trade conducted is of great magnitude, and strictly at wholesale. Both as to price and quality, the goods sold here offer superior inducements to the trade, and in every case give entire satisfaction. The Association has developed very important and desirable mercantile relations, supplying all the leading manufacturing confectioners of this city, and throughout the State, New Jersey, Connecticut, and other sections. The officers are gentlemen of ability and integrity, too widely and favorably known in the trade to require any comment at our hands, and who faithfully discharge the onerous duties devolving upon them. It is under President Intemann's and Vice-President Hoops' joint guidance that the Association is so useful and achieving such marked success, while they have the valued support of such earnest and experienced executive officers as Mr. Brummer, the Secretary, and Mr. Mack, the Treasurer—merchants universally popular and respected throughout commercial circles.

BOGARDUS & ELLABY, Hardware, Nails, Tools, Agricultural Implements, etc., No. 177 West Street.—Very few if any among the various and multifarious branches of mercantile activity that contribute to the general sum of trade and commerce in the metropolis are of greater importance than the hardware, tool, and farm-implements line, and not in many has there been noticeable such marked improvement of late years. Among the most responsible and popular firms engaged in this line in the city may be mentioned that of Bogardus & Ellaby, jobbers and retailers of general hardware, nails, mechanics' tools, agricultural implements, etc., whose commodious and well-stocked establishment is favorably situated at No. 177 West Street, corner Warren Street, and which is in all respects one of the leading and most reliable concerns of the kind in this quarter of the city. This flourishing business was established about ten years ago; and from the inception of the enterprise the firm have by upright and straightforward dealing, foresight, and untiring energy steadily pushed their way to popular favor and prominence, building up an extensive and very flattering patronage. They carry only excellent and reliable goods, conduct the house on strict business principles, and spare no pains to render the utmost satisfaction in every instance to purchasers; customers being always assured of finding a first-class article, satisfactory treatment, and prompt attention in this well-ordered store. The business premises occupy a 25x100 foot first floor and basement, and a heavy and well-selected stock is constantly carried, comprising hardware of every description, iron, steel, nails, and blacksmiths' and contractors' supplies in great variety; also mechanics' tools of all kinds, table and pocket cutlery, devices, small wares, garden hose, and a full and fine line of agricultural implements, making a specialty of ice-tools, which no other house in the city handles. Some half a dozen polite and efficient assistants are in attendance, while the proprietors devote close supervision over the business; and the trade of the firm, which is of very substantial proportions, extends throughout New York City and

environs, and all over New Jersey. Mr. Jos. A. Bogardus is a native of New York City, and Mr. Ellaby a native of New Jersey. They are both men of agreeable manners and strict integrity, as well as push and superior business qualities, and fully merit the large measure of public favor and prosperity they enjoy.

J. H. GROJEAN, Importer of Jouvin's Kid and Suède Gloves, Fans, Neckwear, and Novelties in French Fancy Goods, No. 1192 Broadway, below Twenty-ninth Street.—The glove trade in this city has grown to extensive proportions, and one of the oldest and leading houses engaged in it is that of Mr. J. H. Grojean, located under the Sturtevant Hotel, No. 1192 Broadway, below Twenty-ninth Street. This popular and flourishing house was founded about thirty years ago by Mr. J. C. Devin, who, in 1882, disposed of his glove business to the present proprietor, Mr. J. H. Grojean. The latter had been in a similar line of business from 1874 at Cleveland, O., and he is a native of Canton, in that State. The store has a frontage of twenty feet and a depth of seventy feet. It is very handsomely fitted up and tastefully arranged, and it contains a very large, well assorted, and valuable stock of the far-famed Jouvin's kid and Suède gloves. Fans, neckwear, and novelties in French fancy goods are imported direct, and they represent all that is fashionable and popular in Parisian life. Mr. Grojean is aided by a number of courteous assistants, and he is possessed of every possible facility for filling all orders in his line at prices which cannot be excelled. He has an intimate knowledge of the requirements of the trade, and ever maintains that high standard of excellence for which his goods have become so celebrated. Personally he is very popular, and bears the highest reputation as a reliable merchant and upright private citizen.

MYRES & WALLACH, Specialties in Clothing, Overcoats, and Pants, No. 597 Broadway.—New York has long been noted as being the leading centre of the wholesale clothing trade of the United States, while the command of large capital, coupled with the energy and enterprise of the representative members of this industry, has permanently retained the supremacy. Prominent among the most reliable houses engaged in this industry is the firm of Messrs. Myres & Wallach, whose office, salesrooms, etc., are located at No. 597 Broadway. This business was established in 1882 by the present copartners, Messrs. R. M. Myres and Moses Wallach, who have since built up an extensive and permanent patronage in all sections of the country. The premises occupied comprise four spacious floors 50x200 feet in dimensions, fully equipped with every appliance and facility for the successful prosecution of the business. A large force of skilled cutters, operatives, etc., are employed, and the partners attend carefully to the manufacturing department, and make a specialty of overcoats and pants. They bring great experience and skill to bear in the production of their garments, which have earned a reputation upon their merits, as being the best made, most stylish and reliable goods in the market, while the prices quoted for them are extremely moderate. All orders are carefully and promptly filled, and the trade of the house is steadily increasing owing to the superiority and excellence of its garments, which are general favorites with the trade and public wherever introduced. Mr. Myres was born in Germany, while Mr. Wallach is a native of New York. Both partners are highly esteemed in mercantile circles for their enterprise, business ability, and integrity, justly meriting the large measure of success which has attended their well-directed efforts.

CARRÈRE & HAAS, Iron, Brass and Wire Work, etc., No. 74 Chambers Street.—The business here conducted was founded by the present proprietors about two years ago, and during the intervening period has been developed in a manner reflecting the greatest credit upon the co-partners, Messrs. Carrère & Haas, both of whom are young, enterprising, and pushing business men, residents of Brooklyn. The firm occupy a fitted-up store at No. 74 Chambers Street, where can be found in great variety, designs and samples of carved wood and slate mantels, fire-place work, tiles of all kinds, and irons, grates, fenders, fire-sets and linings, iron and brass wire work of every description, railings, guards, gates, skylights balconies, grates and all kinds of lattice work, antique lamps, etc. As importers in the above lines, the members of the firm have from the commencement of their career spared no pains or expense to retain the lead in securing the earliest and fullest assortments of European goods that reach our markets. The house has not only attained the highest standing in the trade, but also has won the confidence and respect of the community at large.

JACOB MARK, Manufacturer of Concrete Illuminating Tile, No. 7 Worth Street.—In the largest cities of the United States there are acres of unimproved room, which may, by proper skill and adaptation, be converted into roomy, well lighted and ventilated apartments, suitable for stores, factories, bank and safe deposit vaults, etc. We refer in this connection to the space under the sidewalks. Since the introduction of the Patent Concrete Illuminating Tiling, this invaluable room is being rapidly utilized in New York and other large cities. A prominent and representative house in the metropolis, actively engaged in this useful industry, is that of Mr. Jacob Mark, whose office and factory are located at No. 7 Worth Street. This business was established in 1873, by Mr. Jacob Mark, who has since built up an extensive and permanent patronage in all sections of the United States. The premises occupied comprise a spacious four-story building 24x200 feet in dimensions. The manufacturing department is fully supplied with all the latest improved machinery, tools, and appliances necessary for the successful prosecution of the industry: Fifty experienced workmen are employed, and the machinery is driven by steam power. Mr. Mark manufactures largely Patent Concrete Illuminating Tile, and all kinds of vault lights for areas, sidewalks, roofs, floors, skylights, etc. The Patent Concrete Illuminating Tile manufactured by Mr. Mark far surpasses anything of the kind heretofore manufactured, forming as it does an even, non-slippery surface—free from knobs or projections; it makes a strong, water-tight illuminating roof and pavement, easily kept clean. The metal being covered with a non-conducting material, the rooms which it covers are kept much warmer in winter and cooler in summer than where iron comes in contact with atmospheric changes. This is a very important consideration. Mr. Mark manufactures under the following patents. March 30, 1869; March 7, 1871; Nov. 3, 1874; Jan. 14, 1875; Nov. 3, 1875; Dec. 23, 1879; March 23, 1880; April 27, 1880; Aug. 31, 1880; April 12, 1880; Sept. 26, 1880; July 25, 1882; May 23, 1883; and a number of other patents. All the specialties manufactured by Mr. Mark are absolutely unrivalled for utility, reliability, and general excellence and have no superiors in this country or Europe, while the prices quoted for all descriptions of work are extremely moderate. We would observe that Mr. Mark's tiles are especially adapted to places where a large quantity of light is desired, and are the most ornamental as well as the most useful now extant. Mr. Mark is assisted in the management of his business by Mr. John W. Mark, the Superintendent. Both gentlemen are highly esteemed by the community for their skill, industry, and integrity, justly meriting the signal success achieved in this growing and valuable enterprise. Mr. Mark publishes annually a superior Illustrated Catalogue, which is forwarded promptly upon application.

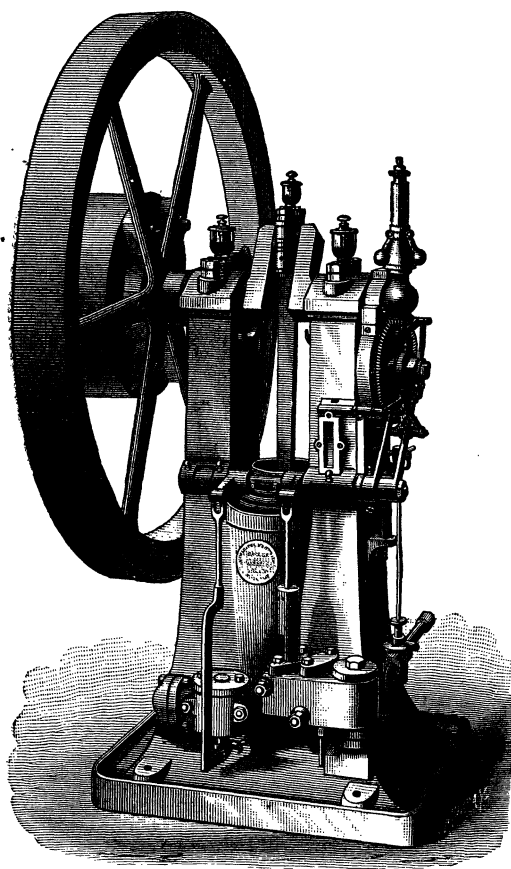
O. H. JADWIN, Wholesale Druggist, No. 63 Cortlandt Street.—No branch of commercial enterprise in the great metropolis is more important or representative in character than that of the wholesale drug trade, and both as regards resources and sterling enterprise our leading houses are celebrated throughout the length and breadth of the land. Prominent among the number, and one of the oldest in the trade, is the establishment of Mr. O. H. Jadwin, located at No. 63 Cortlandt Street. The proprietor is widely known as an experienced and accomplished pharmacist, and originally established himself in business in 1856, in Carbondale, Pa., removing to this city in 1866. His business premises at the above address are thoroughly spacious and commodious, comprising an entire building, three stories and basement in height, and 25x100 feet in dimensions, which is one of the most perfectly fitted establishments in this line in the city, a thorough system of organization being enforced and every department being in charge of experienced pharmacists, while the proprietor exercises a close personal supervision over all. The house deals extensively, both at wholesale and retail, in fine drugs and chemicals, essential oils, acids, tinctures, essences, herbs, roots, gums, etc., which are renowned alike for purity, freshness, and low prices. A long list of important standard remedies are supplied to the trade, and superior facilities are possessed for the manufacture of specialties, having a perfectly equipped laboratory, while a corps of from fifteen to twenty skilled assistants contribute to the satisfactory operations of the house. The proprietor sells direct to the leading houses in all parts of the country, and the business has been developed by a judicious and enterprising policy to proportions of great magnitude and importance. Mr. Jadwin, the responsible proprietor, is a native of Pennsylvania, in the prime of life, and retaining the confidence and esteem of the trade and the public in the highest degree. He gives his close personal attention to the promotion of the best inter-

ests of his patrons, and those entering into trade relations with the house can rely upon securing advantages and benefits not readily obtainable elsewhere.

S. P. SAXE & SONS, Architects, Builders, and Dealers in Real Estate, No. 19 Park Place, and No. 16 Murray Street.—The metropolis of America, like London, England, and other great cities of the world, proves the most fitting field for the exercise and development of the highest order of architectural and constructive ability. The rapid growth of the United States in wealth, refinement, and enterprise, has created an incessant demand for the highest order of achievement in the above lines. Among the representative firms of architects and builders is that of Messrs. S. P. Saxe & Sons, who bring to bear the widest range of practical experience, coupled with perfected facilities and influential connections. Mr. S. P. Saxe is one of the most widely and favorably known architects and civil engineers of America, and has carried through to a successful issue many important undertakings in the line of public works and prominent edifices in Chicago and other cities of the West, as well as here in the East. In 1886 he permanently established his headquarters in this city, and formed the existing firm, his two sons, Messrs. Charles and Leslie Saxe, being taken into copartnership. They are young gentlemen of superior executive abilities, fully qualified to attend to every branch of the business, which includes wide-spread connections in real estate circles. Messrs. Saxe & Sons are prepared to design and estimate for all descriptions of public, private, and business edifices, with that intelligent apprehension of the wants and requirements of their patrons, which renders their efforts so highly appreciated. They have achieved an honored success in the profession, combining with the highest order of architectural beauty and symmetry originality of design (the most practical and economical plans for interiors of all kinds, coupled with accuracy in estimates, never exceeding the limits set) and closest adherence to specifications. They give the closest personal supervision over all building contracts and honest, skilled workmanship is guaranteed, while their enterprise and energy insure the prompt fulfilment of all contracts by date specified. The firm deal generally in all descriptions of city and country real estate, and offer substantial inducements to investors as well as speculative operators. Those guided by their sound judgment and judicious advice can rely upon securing advantageous and remunerative investments. The Messrs. Saxe are responsible members of the architectural profession and business world, and ever exercise a policy of sterling integrity in all their business transactions. Their splendid qualifications recommend them specially to capitalists contemplating the erection of any description of building.

CHARLES HAUSELT, Manufacturer of Domestic Glazed Kids, and Importer of French Calf Skins, etc., No. 29 Spruce Street.—An old-established and representative house in the metropolis engaged in the manufacture of domestic glazed kids and other leather specialties is that of Mr. Charles Hauselt. The Boston Branch of the house is at No. 91 High Street, and the factory at Brooklyn, N. Y. This business was established thirty-eight years ago by the present proprietor, who has since built up an extensive and permanent patronage in all sections of the United States. Mr. Hauselt is fully acquainted with every detail and feature of this important industry, and the requirements of the trade in all parts of the country. The factory, which is now enlarged, is one of the best equipped in the United States, will employ 400 skilled workmen, operatives, etc. The capacity of the factory is upwards of 300 dozen skins daily. Mr. Hauselt manufactures largely domestic glazed kids, "Numida" and "Terra Nova" brands, kangaroo and goat mat kid "Sonora" brands, oak and hemlock calf-skins, French calf-skins, kips, patent leathers, degreas, etc. All the kids and calf-skins manufactured and handled by this reliable house are unrivalled for quality, reliability, finish, and excellence by those of any other first-class firm in this city or elsewhere. All orders are promptly and carefully filled at the lowest possible prices, and the trade of the house is steadily increasing owing to the superiority of its productions, which are general favorites with the trade wherever introduced. Mr. Hauselt, President of the German Society of 104 years' standing, and one of the Commissioners of Emigration, was born in Germany, but has resided in America for the last forty one years. He is greatly respected in mercantile life for his enterprise, skill, and integrity, and his establishment offers special inducements to the trade, both as regards excellence of goods and economy of prices, very difficult to be secured elsewhere in the metropolis.

THE KORTING GAS ENGINE COMPANY (Limited), Geo. W. Silcox, President, No. 60 Barclay Street.—Occupying a prominent position among the New Yorkers who have opened up and promoted a demand for American products in foreign countries, is Mr. Geo. W. Silcox, whose headquarters are eligibly located at No. 60 Barclay Street. The house of which he is the active director, has for the past twenty years been actively engaged in exporting agricultural implements and farming machines to all parts of the civilized world, the transactions effected in this line amounting to over a half million dollars every year. Mr. Silcox has established an enviable reputation in this department of mercantile activity on account of the superiority of the goods handled by him, and also to the favorable impression he has created on the occasion of his visits to various sections for the purpose of introducing special machines in which he is interested. We herewith take pleasure in presenting our readers with a description of a new gas engine which Mr. Silcox has just introduced in the market, and which possesses features that entirely reverse the old systems of regulating power and speed. It has been conclusively demonstrated that a steam-



engine consumes three and a quarter pounds of coal to two and a quarter pounds consumed by a gas engine and the use of the latter, consequently, effects a saving of nearly 33¼ per cent. The engine manufactured by the Korting Gas Engine Company (Limited), of which Mr. Silcox is president, is the finest article of the kind yet invented, and we devote space to telling its many good points. The leading features of the governor are two independent movements derived from the main shaft. The first, for uniformly opening the exhaust valve. The second, being influenced by the governor, varies the time of closing the said valve, depending on the speed of engine. It is easy to understand that the power of engine may be influenced by the length of time during which the exhaust valve is kept open, during the return stroke of piston; the earlier the valve is closed the larger the quantity of products of combustion retained in

the cylinder, and the smaller amount of fresh gases required again to fill the cylinder to secure uniform compression and a perfect combustible mixture for next working stroke of engine. Thus the minimum power is secured by retaining in the cylinder the larger portion of residue and taking in the smallest amount of fresh gases, and the maximum of power by expelling the greater portion of residue and again filling the cylinder with fresh gases. Between these two extremes all medium degrees of power are secured by the action of the governor closing the exhaust valve at various points between the two extreme strokes of the piston. This system of governor is peculiar to the Korting gas engine only, and gives them the following important advantages over all others, in economy of gas, etc.: It is a well known fact that the heated residue retained occupies the highest position in the cylinder, and that the cold fresh gases which are drawn in below will retain the lowest position in cylinder in a separate strata and a perfect combustible mixture (since the inlet or mixing valve admits the gases only in correct proportion), thereby securing perfect combustion and the greatest attainable power with just the amount of gas required to secure a uniform speed of engine under all contingencies. All other engines are regulated by the amount of steam or gas the inlet valve admits to the cylinder, a uniform volume of residue being expelled at each exhaust stroke of piston, and the cylinder again filled with fresh gas and air, the power being controlled by the amount of gas admitted, with a constant varying amount of air at uniform temperature, causing perfect mixtures of such varying quantities, and therefore imperfect combustion in general, and frequently no combustion whatever, when the entire charge of such incombustible mixture is not only lost but expelled in the atmosphere to do mischief. The Korting patent mixing or inlet valve is the foundation of economy in gas engines; it is well known that different gases require different volumes of oxygen for their perfect combustion. Their patent mixing valve is so constructed that it may be adjusted to admit any desired proportion of gas with the required volume of air to the cylinder, making a perfect combustible mixture for any volume of gas required to maintain a uniform speed of engine, our governor, by the exhaust valve, at all times regulating the vacuum to admit the proper amount of fresh gases and maintain uniform compression and complete combustion under all contingencies.

J. C. BUTTRE, Publisher, Engraver, and Plate Printer, No. 32 Cortlandt St.—To publishers, printers, authors, collectors, illustrators, colleges and universities, as well as to the public generally, Mr. J. C. Buttre is one of the best and most widely known publishers, engravers, and plate printers in America. He has been for half a century in business, and he stands to-day in the forefront of the followers of his art. He was born in Auburn, N. Y., and there, in 1838, established himself in business. In 1842 he removed his enterprise to New York City. For twenty-eight years he was located at No. 48 Franklin Street, and for six years at No. 7 Barclay Street. In 1887 he removed to his present premises, No. 32 Cortlandt Street, and here he occupies the third and fourth floors, which have an area of 25x110 feet each, neatly fitted up and fully equipped with all necessary appliances for the business. Mr. Buttre is a general engraver and plate printer, and for many years has made a specialty of engraving fine portraits on steel. Orders for engraving steel plates or for printing the same are promptly executed in the highest style of the art, at reasonable prices. He carries in stock a very large number of plates, and prints therefrom, of prominent personages and of noted places at home and abroad, and he publishes a catalogue of thousands of engravings which can be at once sent by mail. By consulting this catalogue and conferring with Mr. Buttre, publishers may often save the expense of having new plates engraved, as editions can be furnished at a moderate royalty above the cost of paper and printing. Parchments for colleges and universities are carefully printed. Prints are prepared, inlaid, etc., and illustrations supplied for special works. Mr. Buttre is the publisher of "The American Portrait Gallery." To Americans this gallery of portraits will be of great and abiding interest. It presents a series of biographical sketches, simply and clearly told, of those who stand forth to the world as emphatically the representatives of our country. To render the work in the truest sense a portrait gallery, each sketch is accompanied by a fine portrait engraved on steel. It is published in thirty parts, at fifty cents each. Each part contains six fine portraits from engravings on steel, with twelve pages of letter-press. Mr. Buttre is a resident of Ridgewood, N. J.

SALAMANDER WORKS, Fire Brick, Glazed Sewer and Water Pipe. Office and Depot, Nos. 61 and 63 Bethune Street. Wm. Poillon, President; C. Poillon, Jr., Secretary.—A house that has been established for sixty-three years must necessarily engage and attract more than ordinary attention from the compilers of this historical review. Such an establishment is that of the Salamander Works. The works are located at Woodbridge, New Jersey, and have an area of five acres. There are eight large kilns in active operation. The works are admirably equipped with all the latest improved machinery, apparatus, and appliances known to the trade, necessary for the manufacture of fire-brick, glazed sewer and water pipe, and other specialties. The facilities of the Salamander Works are unexcelled, and the various processes of grinding, moulding, drying, pressing, burning, and finishing are all systematized and achieved with the greatest economy of time and labor. This business was established originally in New York in

York, and fully merit the large measure of success achieved in this important and valuable industry.

WILLIAM ROEBER, Coal and Wood, Nos. 553 to 559 West Fifty-fifth Street.—The coal interest of every large community must ever remain of the first importance, and in a great metropolis like New York it becomes a necessity that the system by which the supply is received should be thoroughly organized and efficiently directed. A prominent house engaged in this trade, and one whose popularity is rapidly growing, is that of Mr. William Roeber, located at Nos. 553 to 559 West Fifty fifth Street, the office being at No. 555. This gentleman is an extensive wholesale and retail dealer in red and white ash coal and pine and hickory wood, and has been established in the business here for the past three years. He has acquired a wide reputation for liberal and honorable dealing, is entirely reliable and



Lower Fifth Avenue.

1825, and was removed to Woodbridge, N. J., fifty years ago. In 1871 it was duly incorporated under the laws of New Jersey with ample capital, and the following officers, viz.: William Poillon, president; C. Poillon, Jr., secretary. One hundred experienced workmen are constantly employed in the Salamander Works, and the trade of the company now extends throughout all sections of the United States and Canada. In addition to the manufacture of all kinds of fire-brick, glazed sewer and water pipe, the company manufactures bakers' oven tiles, skew-blocks, stove and range linings, cylinder brick, grate cheeks, large and small rollhouse chimney-tops; also dentists' and jewellers' enamelling, annealing, and case-hardening furnaces and retorts, engineers' crucibles, etc. Ground materials are packed in barrels according to customers' directions, including fire-clay, fire-brick, fire-mortar, sand, and kaolin. Their fire-bricks, etc., are general favorites, owing to their reliability and excellence for gas-works, rolling-mills, and cupola purposes, foundries and forges, lime and cement kilns, etc. A full supply of the company's fire-brick, specialties, etc., is always on hand in the New York depot. Messrs. Wm. and C. Poillon are natives of New

York, and all his transactions are marked by a careful regard for the interests of his patrons and the maintenance of his high standing in the trade. He occupies extensive premises for the storage and handling of supplies, and possesses excellent facilities for the prompt and perfect fulfilment of all orders. The coal handled is noted for its uniform superiority of quality, every bushel disposed of being fully guaranteed as coming up to the highest standard of excellence. The varieties comprise Lehigh, Wilkesbarre, and Locust Mountain, Plymouth red ash, and English cannel, furnace, egg, stove, nut, etc., all of which are received direct from the mines, and recommend their own superior merits to the inspection of all. The ruling prices are the lowest known to the trade, and are always satisfactory to patrons. The supply of pine and hickory wood is kept complete, and is received from the forests and first hands at advantageous rates. The trade of the house is large and influential, and annually increasing under the stimulating effects of energy and enterprise of the highest order. Mr. Roeber is a native of Germany, a resident of this country since 1863, and eminently popular with his host of patrons.

A. & M. ROBBINS, Dealers in Poultry and Game, No. 105 Fulton Country Market.—The name of Robbins has been prominently identified for over half a century with the trade of the great sister cities of New York and Brooklyn in the choicest, extra grades of country produce. The stands of Messrs. A. & M. Robbins in the Fulton market are the head and centre of the most desirable class of patronage. This business was founded away back in 1836, by Messrs. A. and E. Robbins, in the old market, on the site of the present modern edifice. It continued to enlarge upon the solid basis of the choicest poultry, game, etc., fresh received each day and sold at reasonable prices. In 1883 the present firm succeeded to the proprietorship. It is composed of Messrs. A. and M. Robbins, father and son, gentlemen of ability and integrity, and merchants of experience, practical knowledge of the wants of the public, and all necessary facilities to meet the same. They are the leading representatives in this branch of business, and both at wholesale and retail, control the most influential connections. In choice Long Island, Philadelphia, State, and Western poultry their facilities and stock are unrivalled. They are the leading buyers in the market and shippers sell their finest turkeys, geese, ducks, capons, Spring chickens, etc., here. In the season for game, the firm handle tons' weight direct from the hunters, and having splendid cold-storage accommodations, are at all times ready to fill every order. They employ upward of twenty hands in receiving, packing, and shipping, and have developed quite a heavy export trade in addition to supplying city dealers, hotels, restaurants, steamships, etc., and are steadily enlarging their volume of trade. The firm has ever pursued an equitable and progressive policy, and has ever retained the confidence of leading commercial circles. Mr. A. Robbins is prominent in financial as well as mercantile circles, and is a director of the Market National Bank, faithfully discharging the onerous duties thus devolving upon him. New York is to be congratulated upon having such an eminent house in the poultry and game trade located in its midst, and our readers are recommended to secure their supplies of poultry, etc., where both quality and extent of stock insure entire satisfaction.

WILLIAM D. LENT, Jobber in Paints, Oils, Varnishes, Glues, Cheese Cloth, Waste, Shellac Gums, etc., Nos. 390 and 392 Broome Street, Corner Mulberry Street.—An establishment that is carrying on a flourishing line of operations in its special department of trade is that conducted by Mr. William D. Lent, of Nos. 390 and 392 Broome Street, corner of Mulberry. Mr. Lent carries on general operations as a jobber and retail dealer in paints, oils, varnishes, glues, cheese cloth, shellac gums, patent wood fillers, lithogen primer, summit-mixed paints, wood dyes or stains, white japan dryers, oil-finish varnishes, and all materials used in finishing hard woods. He also manufactures shellac varnishes and excelsior wood filler of superior grades. It is now eleven years since Mr. Lent founded his business, and the subsequent honorable and successful career of this substantial house has given it a standing in the great thoroughfares of trade, while its affairs have always been conducted with liberality and intelligent enterprise. The spacious premises occupied for the purposes consist of a store and basement, each 40x70 feet in dimensions, admirably fitted up and provided with every facility for the prosecution of the business. A very heavy stock of goods in the lines named is at all times carried and both wholesale and retail orders are filled at lowest possible quotations. Mr. Lent is a native of New York, is a gentleman possessing a wide range of business knowledge and experience, and in all his transactions he ever strives to furnish his patrons with the best of value in return for any expenditures made in his establishment.

WOOD & CHESBRO, Wholesale Commission Dealers and shippers of all kinds of Fresh Fish, Lobsters, Crabs, Terrapin and Game, No. 150 Beekman Street, opposite Fulton Market.—The importance of New York as the centre of the wholesale fresh-fish trade is generally recognized. The causes are apparent, including finest shipping facilities, steadily growing local demand, and influential connections. Among the most active and enterprising of the firms identified with this branch of trade is that of Messrs. Wood & Chesebro, of No. 150 Beekman Street. Though the partners only established as a firm in May, 1887, the business is one of the oldest in the line, having been started upward of forty years ago, and after various changes, passing into control of the firm of Messrs. Powell & Wood in 1875. Mr. Wood was born in the city of Brooklyn and brings to bear twenty-three years of prac-

tical experience in this branch of business. Mr. Samuel Z. Chesebro is a native of Stonington, Conn., and is a young man of ample experience, and a progressive member of the trade. The firm are wholesale commission dealers and shippers of all kinds of fresh fish, lobsters, soft crabs, terrapin, and game in season, and possess the finest facilities for promptly handling the largest consignments. They occupy the centrally located four-story and basement brick building No. 150 Beekman Street, opposite Fulton market, and 25x60 feet in dimensions. It is fully fitted up and has a large freezer included, insuring to consigners and dealers the preservation of fish, lobsters, etc., up to the highest standard of perfection. Messrs. Wood & Chesebro are deservedly popular with fishermen, and are receivers from along the coast, both east and south. No firm offers more substantial inducements to the trade, and they number among their customers, leading fish markets of this city, Brooklyn, etc., and dealers all over the country. The partners are merchants of ability and integrity, and we recommend dealers in search of an enterprising responsible wholesale house in the fresh-fish trade to place their orders here.

LOUIS MESSER & CO., Manufacturers of Fancy Metal Goods, Nos. 174 to 184 Worth Street.—Among the representative mechanical industries of New York, which have risen to a position of importance, and have contributed materially in establishing the advantages of the city as a manufacturing centre, the establishment of Messrs. Louis Messer & Co., Nos. 174 to 184 Worth Street, is entitled to prominent mention in this industrial review. This business was established in 1852 by Louis Messer, who was succeeded in 1875 by Zinn & Messer. In July, 1887, Messrs. Louis Messer and Wm. F. Schlosser formed the present copartnership under the style and title of Louis Messer & Co. The workshops of the firm are commodious, and are fully supplied with all the latest improved machinery, tools and appliances necessary for the successful prosecution of the business. About one hundred skilled operatives are employed, and the machinery is driven by steam power. They manufacture largely all kinds of novelties in metal goods, bag and satchel frames and trimmings, hardware specialties, etc., including all the metal supplies of every character used in the finish of travelling bags, pocket-books, purses, ornamental albums, etc. Also nickel plating of all kinds. All the fancy metal goods manufactured by this reliable firm are unrivalled for quality, utility, finish, and uniform excellence by those of any other first-class house in the trade, while the prices quoted in all cases are as low as the lowest. They are highly esteemed in mercantile circles for their sound business principles, skill and integrity, and their prospects in the near future are of the most favorable character. The trade of this popular firm now extends throughout all sections of the United States, and is steadily increasing owing to the superiority and reliability of its productions, which are general favorites with the trade wherever introduced.

GEO. H. SHAFFER & CO., Planters and Shippers of Oysters and Clams, Boat No. 7, Foot of Perry Street.—An important feature of the commercial activity of the metropolis, is that most popular of American industries the oyster trade. One of the most popular and old established houses in the oyster business of the city, is that of Messrs. Geo. H. Schaffer & Co., whose boat No. 7 is located at the foot of Perry Street. This business was established thirty years ago in Fulton market by Dorlan & Schaffer. In 1876 Mr. Schaffer retired and organized the present firm. The copartners, Messrs. Geo. H. and Jacob Schaffer, have had great experience and are fully conversant with every detail and feature of the oyster trade and the requirements of customers in all sections of the country. As planters, shippers, and wholesale dealers in all kinds of New York oysters and clams, they carry on an extensive business, and give special attention to packing and shipping. They are the heaviest exporters of shell oysters to England and the continent in the trade. All orders are promptly and carefully attended to at the lowest ruling market prices, and the trade of the house now extends throughout all sections of the Middle, Western, and Southern States. They handle the best oysters and clams in the market, and employ constantly thirty experienced operatives. The partners are members of the wholesale oyster dealers and planters' association, Mr. Geo. H. Schaffer being president of the same, and Mr. Jacob Schaffer a member of the Arbitration Committee. Both gentlemen are highly regarded in commercial circles for their enterprise, industry, and integrity.

KIMBALL, CROUSE & CO., Manufacturers of Cigars, No. 35 Warren Street.—Considering the vast quantities of cigars produced in the United States it might be inferred that an excellent smoking article could be easily procured anywhere in the country at a reasonable price. Such, however, is not the case, but, on the contrary, the difficulty of obtaining a really fine cigar has passed into a proverb among the lovers of the weed. Some manufacturers there are, however, who adhere strictly to honorable methods, handling only reliable stock and producing nothing but first-class goods, and chief among this number in the metropolis is the firm of Messrs. Kimball, Crouse & Co., whose extensive establishment is located at No. 35 Warren Street, corner of Church Street. This firm have a national reputation as manufacturers of fine cigars, and as importers and dealers in leaf tobacco. The business was first established in 1873 by Messrs. Kimball, Gaullieur & Co., who were succeeded by the present firm in 1884. The factory of the firm comprises the four upper floors of the fine building occupied, measuring 80x120 feet in dimensions, and employment is given to from one hundred to one hundred and fifty skilled hands. All cigars are made from choice selected stock, no poor tobacco being used, and none but first-class, high-priced goods being turned out. Cigars are put up for the trade in any brand or stock to suit buyer, and the trade, which is principally wholesale, is exceedingly large, and is broadly distributed over the entire United States. The leading brands manufactured are Guatemala, Violetta, Rio Hondo, Kismet, and El Primero. These goods are conscientiously maintained at the highest standard of excellence, and in fine quality and uniform excellence challenge comparison with any similar productions in the country. The proprietors are experts in the selection of leaf, give their business the benefit of their large experience and perfect knowledge of the requirements of the trade, and are placing their goods upon the market at prices which are universally satisfactory to the trade everywhere. The members of this responsible firm are Messrs. Richard C. Kimball, Daniel W. Crouse, William C. Kimball, and William Mutter, gentlemen of rare business foresight, energy, and push, and of high repute and standing in social, financial, and trade circles.

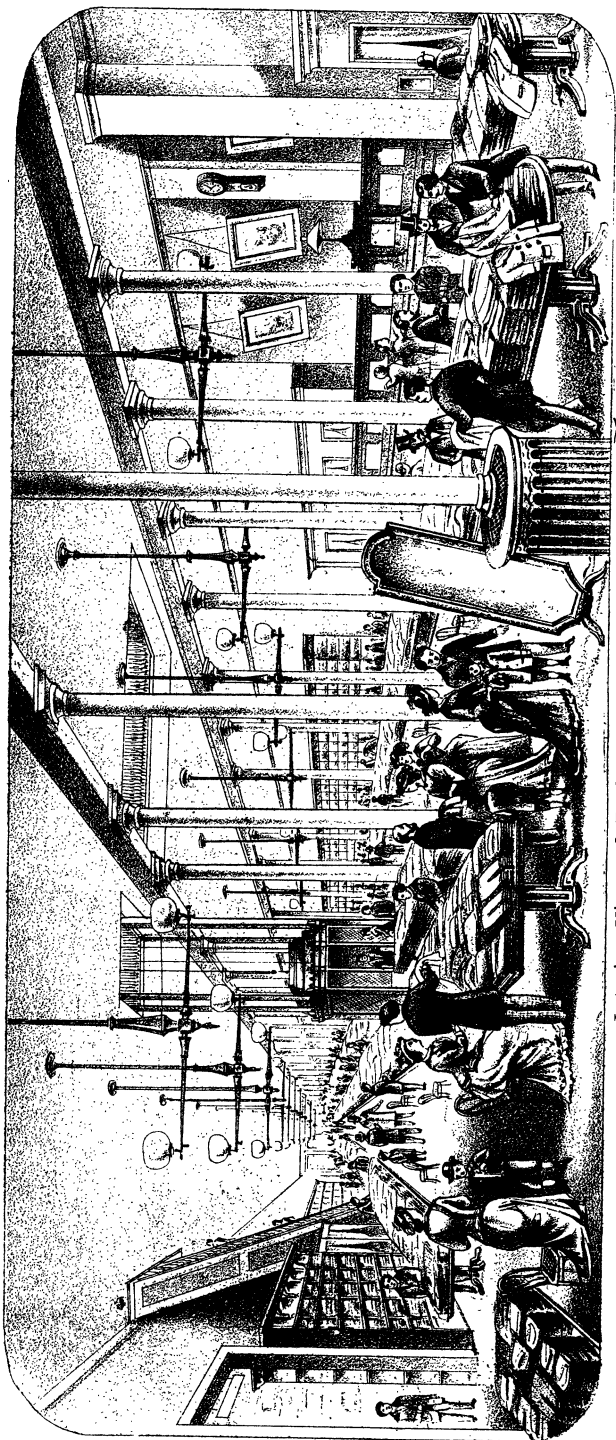
OELSCHLAEGER BROS., Importers and Dealers in Optical, Philosophical, and Meteorological Instruments, No. 88 Fulton Street.—The leading importers and dealers in optical, meteorological, and philosophical instruments of the highest grade in New York are Messrs. Oelschlaeger Bros., of No. 88 Fulton Street. The business was founded by Messrs. Oswald and Oscar Oelschlaeger in 1869, both gentlemen bringing to bear the widest range of practical experience, perfected facilities, and influential connections. Mr. Oscar Oelschlaeger retired from the firm about ten years ago, since which date, Mr. Oswald Oelschlaeger has been sole proprietor, and has developed a trade of great and growing magnitude. He exercises sound judgment in his selection of stock, carrying only the highest grades of all descriptions of optical goods, the best makes of philosophical instruments, including microscopes of all standard powers, and the electric machines manufactured by the celebrated A. Gaiiffe, of Paris. This is headquarters for meteorological instruments, including the most accurate mercurial and spirit thermometers, J. Hicks (of London) patent clinical thermometers, pocket and stationary barometers, including the finest self-registering instruments, etc. The stock of opera-glasses, eye-glasses, and spectacles cannot be duplicated elsewhere, either as to price or quality, a specialty being made of the finest pebble lenses in all power. There is also a fine assortment of magic lanterns, stereoscopes, magnifying glasses, etc. Mr. Oelschlaeger is a recognized authority on every branch of the trade; an honorable and enterprising business man, whose influential connections and important trade indicate how ably and successfully he caters to the wants of the public.

BENEDICT & BURNHAM MANUFACTURING COMPANY, Manufacturers of Brass, Copper, and German Silver in all forms. Rolling-mills and Factories, Waterbury, Ct., Warehouses, No. 13 Murray Street.—The largest brass and copper works in the world are those of the famous Benedict & Burnham Manufacturing Company, situated at Waterbury, Ct. The immense interests centered there were founded by Messrs. Benedict & Burnham in 1823, and the progress was so rapid that in 1843 the concern was incorporated under the existing title. Though the last surviving partner of the original firm died in 1885, yet the energy, the foresight, ability of management survive in the present officers, who are as fol-

lows: President, Chas. Dickinson, Esq., and Treasurer, E. L. Bronson, Esq., both gentlemen being located at Waterbury. The company's rolling-mills and factories are of vast size, and equipped with the latest improved machinery and appliances, affording employment to from eight hundred to one thousand hands in the manufacture of all descriptions of brass, copper, and german silver goods. Among specialties are seamless brass and copper tubes, copper rivets and burs, brass butts, kerosene-burners and lamp-trimmings, furniture drop-handles, etc., etc. The steadily-increasing demands of the trade resulted in 1871 in the opening of a branch house in this city, most centrally located at No. 13 Murray Street. Under the capable management of Mr. W. A. Hungerford the business done here has been developed to proportions of enormous magnitude, and among the customers are all the leading consumers of brass goods, etc., in this city and vicinity; likewise there has grown up an extended export demand. The company permanently maintains the supremacy in its lines, and has a valued and loyal representative in the metropolis.

EDWIN A. THRALL, Jobber in American Watches, Diamonds, Jewelry, etc., No. 3 Maiden Lane.—There are many quaint, curious, as well as unique and beautiful novelties constantly being produced by the jewelry trade, and which well illustrate the enterprise and progress of that great industry in this country. The great perfection which has been attained in this line, can be seen by paying a visit to the house of Mr. Edwin A. Thrall, of No. 3 Maiden Lane, where are shown the finest modern productions in watches and jewelry, the goods representing the highest form of mechanical skill and ingenuity. Mr. Thrall, who has had twenty-five years' experience in his vocation, is an expert in all its branches, and when he established his present business, ten years ago, he was well qualified to achieve the distinct success which has since attended his efforts. He has built up a large and flourishing trade of permanent character, and has patrons in all parts of the world. The finely furnished quarters occupied contain a magnificent stock of the rarest class of diamonds and beautiful jewelry in profuse display; also all the leading makes of American watches in both gold and silver. Mr. Thrall carries on a general jobbing trade in these goods, and as he makes it an invariable rule to sell for cash only, he can quote the lowest and most favorable prices, while his facilities enable him to fill all orders on the most advantageous terms. Mr. Thrall is a native of Connecticut, and has reached the middle age of life. During the late war he performed conspicuous services as a member of the Twentieth Regiment, Connecticut Volunteer Infantry, serving from 1862 to 1865, the greater part of the time under General Sherman's command. He took part in many notable engagements, and was severely wounded at the battle of Bentonville. At the expiration of his service he was honorably discharged, and has since devoted his energies most usefully in the arts of peace, and in exercising honorably his duties as a citizen.

JAMES W. MASON, JR., Manufacturer of Ice and Roller Skates, and all Kinds of Skate Trimmings, etc., No. 75 Chambers Street.—The headquarters for the trade in ice and roller skates, and for skate, trunk, and shawl straps, and kindred goods, in this city, is the establishment of Mr. James W. Mason, Jr., who makes a specialty of iron skates and dog-collars. The business was founded in 1857, by Mr. James W. Mason, who was succeeded by his son, the present proprietor, in 1885. The premises occupied for the business comprise two spacious floors, and no expense, experiment, or endeavor has been spared to facilitate and perfect production. The skates supplied by this house are considered by all impartial experts as the best and most reliable ever manufactured, and their claims to favor are substantiated by the approval and praise of the general skating public. More rinks use the roller-skates furnished here than all other skates combined in this city, which is the best recommendation that its merits are appreciated. Every part is made of the best material for its wearing properties and durability, while the chafing, friction, and irregular motion so common in other skates is entirely avoided. Duplicate parts of skates and all kinds of skate straps and trimmings are furnished to suit the requirements of all classes of patrons. Mr. Mason, the proprietor, is an experienced and trained exponent of his business, intimately conversant with all its details and requirements, and eminently popular and successful in meeting all its demands.



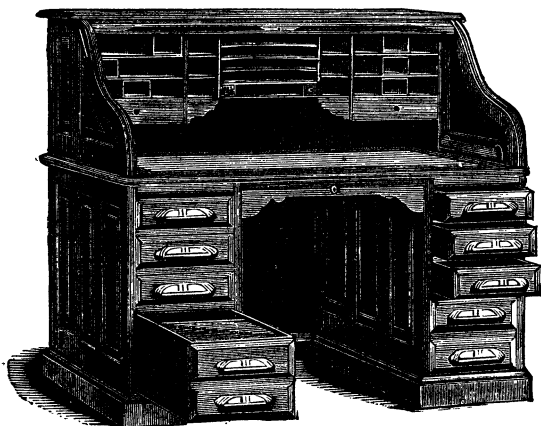
Interior View of Brokaw Brothers' Clothing House.

BROKAW BROTHERS, Men's, Boys, and Children's Fine Clothing, Nos. 28 to 36 Fourth Avenue, Nos. 22 to 26 Astor Place, Nos. 60 to 64 Lafayette Place.—The metropolis has long been noted as being the centre of the wholesale and retail fine clothing trade of the United States, and the command of large capital, coupled with the distinguished energy and enterprise of the representative members of this trade, has permanently retained the su-

premacy. Prominent among the most extensive and reliable houses that give tone and character to the trade is that of Messrs. Brokaw Brothers, whose mammoth establishment is located on Fourth Avenue, Astor and Lafayette Places. This business was founded originally by Dunham & Brokaw, who conducted it until 1861, succeeded by Isaac V. Brokaw until 1866, then by the present management. The copartners, Messrs. I. V. & W. V. Brokaw, have had great experience, and are considered by experts to be the best judges and designers of fine clothing in the metropolis. They occupy a very superior four-story and basement building, 150x150 feet in dimensions. It is admirably equipped with every appliance and facility, and affords hardly sufficient space for their offices, show-rooms, stock and sales rooms, cutting departments, and work-rooms. Forty to fifty able cutters are constantly employed, and about 3000 employees and operators in the building and outside. Messrs. Brokaw Brothers attend carefully to the manufacturing department, every detail receiving their personal supervision, and no garment is allowed to leave the establishment which is known to have the slightest defect. The firm manufacture fine grades of goods only for men, boys, and children. They pay the greatest attention to the selection, cutting, making, and finishing of the goods, which have earned a reputation on their merits of being the best made, most stylish and reliable garments in the market, while the prices quoted for them are extremely moderate. The stock is immense, while the majority of the woollens utilized are imported direct from the most celebrated European houses. The force of salesmen, employees, etc. is thoroughly competent and well organized; and the establishment is not only the largest in its line in the country, but the best managed, the proprietors manifesting executive ability of a high order. The trade of the house is by no means confined to New York, but extends throughout all sections of the United States. For the convenience of out-of-town customers, Messrs. Brokaw Brothers have established a mail-order department, and country patrons can always implicitly rely that all commissions will be promptly and efficiently attended to. Mr. I. V. Brokaw is a member of the Union League Club, and President of the Board of Trustees of Fourth Avenue Presbyterian (Dr. Crosby's) Church, while his brother, Mr. W. V. Brokaw, is a director of the Bowery Savings Bank.

KÖRNER & SCHWABELAND, Wholesale Grocers, Nos. 157 and 158 West Street, corner of Park Place.—Representative among the leading firms of wholesale grocers in New York is that of Messrs. Körner & Schwabeland. The business was founded in 1854 by Christian Glimm and E. Christian Körner, under the name and style of "Glimm & Körner." In 1876, after the trade had been developed, Mr. Henry Schwabeland, son-in-law of Mr. Glimm, was admitted, and the firm became Glimm, Körner & Co. On the retiring of Mr. Glimm in 1885, Messrs. Körner and Schwabeland became sole proprietors under the present title. The premises occupied are spacious, being five stories in height and thirty-nine feet in front, by ninety in depth. The firm members are both gentlemen of vast practical experience, unerring judgment, and unremitting enterprise and energy. They handle the most popular brands of fancy and patent flour, specially desirable for fine grocery trade; also meal and farinaceous goods of highest standard of excellence. In canned goods, their stock includes the brands of reputable packers only, and, both as to price and quality, commend themselves to the best class of trade. The firm has ever been noted for its prompt, honorable policy. They never give notes, but buy everything for cash. Mr. Körner, who has been a resident of this city for over half a century, and is over fifty years in the grocery business, is a director of the Merchants' Exchange National Bank, a director in several insurance companies, a trustee of the Irving Savings Institution, the president of the Lutheran Emigrants' House Association, the treasurer of the Wartburg Home for Aged and Infirm, a director and member of the Executive Committee of the Wartburg Orphan Farm School at Mount Vernon, Westchester County, N. Y., ably and faithfully discharging the various duties devolving upon him in the respective executive and responsible capacities above detailed. Mr. Schwabeland is a native New Yorker, and very widely and favorably known, having been an active member of the old volunteer fire-department, and is one of the veterans which still represent the old-time organization, and is a worthy representative of the old Knickerbocker style of doing business.

FRANCIS D. CLARK, Manufacturer of Desks and Office Furniture, No. 38 Cortlandt Street, near New Church Street.—The tendency to specialization in the various departments of industry is nowhere more noticeable than in the manufacture of furniture, the result being that in particular lines the most satisfactory results are attained at a minimum of cost. Engaged in the manufacture of desks and office furniture in this city is the house of Mr. Francis D. Clark, which is one of the oldest of the kind in the United States. The business of this establishment was originally founded in 1890 by Mr. Jotham Clark, and was carried on by him until 1855, when his son, the present proprietor, succeeded him. The house has always enjoyed a prosperous trade, and a reputation of the highest character for its productions. The premises occupied are located at No. 38 Cortlandt Street, near New Church Street, and comprise two spacious floors, each 30x120 feet in dimensions, admirably appointed throughout for all the requisite purposes. The assort-



ment embraces a choice variety of desks and office furniture, made from carefully selected materials by skilled workmen after the most approved designs. Mr. Clark, who was born in Newark, N. J., and is a resident of that city, devotes his personal attention to the management of his establishment, and is well known as a business man of sound judgment and sterling ability. We commend his house to the attention of our readers, and they may feel confident that in the matter of price he is as low as any house dealing in a similar quality of goods.

GASKILL, BAUER & CONDERMAN, Dealers in Straw, Binder, and Tar Boards, Nos. 365 and 367 Canal Street.—The representative and most successful house in the United States engaged in dealing in straw, wood, and binders' boards, and paper-box makers' supplies, is that of Messrs. Gaskill, Bauer & Conderman, whose New York office and store are located at No. 365 and 367 Canal Street. The Philadelphia house of the firm is at Nos. 121 to 127 North Fourth Street. This business was established in 1872 by J. C. Bauer & Co., who were succeeded in 1880 by the present firm. The individual members of this copartnership are Messrs. Thos. E. Gaskill, J. C. Bauer, and T. H. Conderman, all of whom bring great practical experience to bear, coupled with an intimate knowledge of every detail of the business. Messrs. Gaskill, Bauer, and Conderman deal largely in straw, wood, binders' and tar boards, and paper-box makers' supplies of every description, and make a specialty of lining by patented machinery. Several travelling salesmen are employed, who represent the interests of the firm in all sections of the United States and Canada, and the trade of the house is rapidly increasing. Messrs. Gaskill and Conderman were both born in Philadelphia, while Mr. Bauer is a German, and a resident of this country for the last thirty years. The firm only opened their New York branch, which is under the able and careful management of Mr. Bauer, in 1886.

RODRIGUEZ, Importer of Havana Cigars, No. 62 East 14th Street.—A house well known for the reliability and standard uniformity of the fine stock carried is that of Mr. R. Rodriguez, at No. 62 East 14th Street. Mr. Rodriguez is an importer of fine Havana and Key West cigars, and an A1 stock of these goods is carried to meet the demands of his large and first-

class trade, which is confined to the retail only. Mr. Rodriguez established his business in 1869, and has kept the same position on the street since the commencement, and his fine store is well known to those who appreciate a superior imported cigar at a reasonable price. The store has a frontage of 20 feet and a depth of 70 feet, is admirably adapted for the business, and is suitably fitted up with all the accessories and accommodations for the benefit of smokers who patronize the establishment. A large stock of the finest brands of imported and domestic cigars is at all times carried. Having the most intimate relations with, and receiving his supplies direct from, the leading manufacturers, both at home and abroad, he is enabled to offer to the trade the finest and most fragrant cigars put upon the market, at prices that cannot be surpassed. Mr. Rodriguez is a native of Cuba, and came to New York in 1868, and immediately started into business on his own account, and by his enterprise and energy has reared a trade of which he may well feel proud. Besides this business, he is also a member of the firm of B. Diaz & Co., of No. 157 Water Street, wholesale Leaf Tobacco importers, and is an active, energetic man, who fully merits the large share of prosperity which he has won by his own efforts.

HERMAN KOHLBUSCH, Manufacturer of Analytical, Diamond, Jewellers', Assay, etc., Scales and Weights, No. 61 Warren Street, corner College Place.—This business was established in 1860 by Mr. Kohlbusch, who brings great practical experience to bear, and an intimate knowledge of the wants of chemists, jewellers, druggists, and scientific men. His office and salesroom contain a splendid assortment of analytical, diamond, jewellers, assay, bankers, coin, specie, and druggists' and chemists' scales and weights of every description. Here also are always in stock cornometers, hand grain-testers (railway grain-scales), dynamometers, manufacturers' estimators, etc. Prompt attention is likewise given by the proprietor to repairs of scales of all kinds, and the readjusting of weights. Mr. Kohlbusch likewise manufactures to order standard balances for assaying, analytical, and scientific uses, beautifully and accurately mounted in French polished cases, with sliding frame counterpoised. His balances for pharmaceutical specific, quartz, gold weighing and other purposes, where the greatest accuracy is required, have long held a leading position in the metropolis. His scales for diamonds and other precious stones are contained in a glass case in the sliding frame, counterpoised for a charge up to one hundred carats in each pan, and sensible to the thousandth part of a carat for each charge. These balances are the recognized standards among jewellers, diamond dealers, and all who require to weigh precious stones. Mr. Kohlbusch has supplied the U. S. Government with the scales which have been adopted by the Treasury Department, and was awarded the highest premiums of the American Institute Fairs, 1867, 1869, and 1874. The proprietor was born in Germany, but has resided in New York for the last forty years.

JOHN M. MEEHAN, Importer and Manufacturer of Flowers, Ostrich and Fancy Feathers, 13 East Houston Street.—A thoroughly representative house in its line of enterprise in this city is that of Mr. John M. Meehan, importer and manufacturer of flowers, ostrich and fancy feathers. Although but recently established, this house has already gained an enviable reputation in the trade. He occupies spacious and attractive quarters, give employment to eighteen skilled and expert hands, and conduct a large and flourishing business, exclusively at wholesale. Mr. Meehan caters to a strictly first-class trade, and has the finest possible facilities for conducting all transactions under the most favorable auspices. There is nothing that is novel, stylish, or elegant in this special line of goods that is not represented here in its freshest and most attractive form. The proprietor is ever on the alert for new and novel goods, keeping steadily abreast of the times and the demands of fashion, and using every endeavor to improve the quality and enhance the value of his stock in every essential particular. The latest novelties in flowers and feathers are found upon the shelves and counters, and a leading specialty is made in the production of flowers and black feathers, in which this firm are acknowledged to excel all competitors. The business connections are widespread and influential on both sides the water. Mr. Meehan is a gentleman of large and valuable experience in his line of business, having had about twenty-seven years' practical knowledge, ten years of which was spent with C. H. F. Ahrens & Co. Mr. Meehan is the inventor of what is known as the "bell flower."

BECHSTEIN & CO., Packers of Provisions. Packing Houses, Nos. 96 and 98 Hudson Street, and Nos. 1, 3, and 5 Leonard Street; Office and Salesroom, No. 100 Hudson Street and Nos. 161 and 163 Franklin Street.—The remarkable growth of the wholesale provision trade of the metropolis during the past quarter century has placed it in a position and given it a prominence that is exceeded by but very few other industries in the city. Of those houses that have wielded the greatest influence in the provision trade, and have established upon a permanent basis a business of great magnitude, is that of Messrs. Bechstein & Co., who also bear the honored distinction of being the oldest house in the trade. It dates away back to 1832, when it was founded upon a small scale by Mr. Frederick Bechstein. Under able and honorable management he steadily enlarged the business, increased facilities, and became celebrated for the superiority of his product. The concern is now the leader in this line, and Messrs. Bechstein and Ross, the copartners, possess special qualifications for affording satisfaction. They occupy unusually extensive and centrally located premises, comprising for the packing-houses Nos. 96 and 98 Hudson Street, and Nos. 1, 3, and 5 Leonard Street, with office and salesroom at No. 100 Hudson Street and Nos. 161 and 163 Franklin Street. Here is fitted up one of the finest establishments of the kind in the United States. All the machinery and appliances are of the most improved description, and upward of fifty hands find steady employment. A specialty is made of curing and packing provisions for export to warm climates, and in this important branch of the trade Messrs. Bechstein & Co. have permanently maintained the pre-eminence, using only the choicest of meats, exercising the skill acquired through 56 years active operations, it is manifest that shippers can fully rely on the provisions obtained here meeting every want of foreign trade. The firm's stock of hams, bacon, pork, beef tongues, lard, etc., is always ample to fill large shipping and city orders. Their "B" brand of hams is deservedly famous; they are cured in the most perfect manner and are in growing demand both at home and abroad. Messrs. Bechstein and Ross are members of both the Produce and Mercantile Exchanges, and have ever retained the confidence of leading commercial circles. They have an excellent record, perfect facilities at command, and all merchants who appreciate the benefits and importance of handling a sound stock of provisions skilfully and well cured, will best consult their interests by placing their orders with this eminent and responsible house.

JOHAN A. CARNIE, Boiler Maker, Engineer, and Machinist, No. 223 West Street, near North Moore Street.—The importance of New York as a great centre of skilled engineering and mechanical industry is readily demonstrated by a review of the leading concerns here permanently located. Among the oldest established and most favorably known boiler-makers, engineers, and machinists is Mr. John A. Carnie, whose shops and foundry are centrally and conveniently located at No. 223 West Street, near North Moore Street. He is a native of Glasgow, Scotland, and early in life thoroughly learned the trades in which he is so skilful as a proprietor. About twenty-five years ago he started in business upon his own account. He has done every description of work in the line of marine and stationary boilers and engines, putting in steamboat-boilers and engines, tug and propeller engines and boilers, and hoisting and stationary engines of all kinds. All work is guaranteed, and his steel boilers, made from the best of plates, double-riveted and stayed upon the most improved principles, are considered the strongest, most durable and reliable in the market, and they are found in use of every horse-power up to the largest for manufacturing and steamship use. Personal attention is given to repairs, and Mr. Carnie has a shop thoroughly equipped, run by steam-power, which is the centre of a large and desirable business, a valued factor to the city, and one every way creditable to the esteemed proprietor, who is a practical mechanical engineer in every sense of the word and noted for his honorable methods and sterling integrity.

F. MOHR & CO., Manufacturers of Parlor and Cabinet Furniture. Office and Warerooms, No. 50 Elizabeth Street; Factory, Nos. 54, 56, 58, and 60 Elizabeth Street.—The name of Mohr has become justly celebrated in connection with the highest grades of parlor and cabinet furniture. Messrs. F. Mohr & Co. have to-day the largest and best equipped factory in the business and lead as to beauty and novelty of designs, choice materials, and superior workmanship. The business was established in 1860 by Messrs. J. T. Allen & Co., succeeded in 1866 by Messrs. Sillsbee & Mohr,

finally in 1880 Mr. Mohr assuming control, and under the existing name and style developing the business to proportions of great magnitude. His premises are unusually spacious, extending from Nos. 50 to 60 Elizabeth Street, comprising six entire floors, 150x100 feet, and fitted up with the latest improved wood-working machinery and appliances run by steam-power. Upward of two hundred hands are here employed, including many of the most skilful cabinet-makers and carvers in the country. In manufacturing for the wholesale trade only the best class in parlor and cabinet furniture is made in such woods as French walnut, mahogany, cherry, oak, maple, white and gold finish, inlaid, etc. The parlor suites produced here are in steady demand with the leading houses in the trade, and compare favorably with the product elsewhere. This is headquarters for library furniture, book-cases, chiffonieres, secretaries, desks, cabinets, fancy chairs, etc. Both as regards artistic merit and honest workmanship Mr. Mohr's stock has become the recognized standard with the trade in New York and vicinity, and those interested should visit his warerooms, No. 50 Elizabeth Street, and inspect the magnificent display here made. Mr. Mohr is an honored manufacturer, having ever retained the confidence of leading commercial circles, being a considerate employer of labor and an able business man, quick to introduce new styles and designs, and a representative manufacturer of the great City of New York.

JOHAN J. HEINS, Importer and Manufacturer of Gilders' Materials, No. 237 Centre Street.—Established in this line of business for twenty-three years, first by John J. Heins, Sr., in 1864, who was succeeded by John J. Heins & Son, and during the past year John J. Heins, Jr. (the son), succeeded to the business. The concern occupies the store, and basement, and part of upper floor at above number, each having an area of 30x100 feet, and carrying an extra heavy stock of both imported and domestic goods. Employment is given to five hands, and their trade, which is both wholesale and retail, extends all through the United States. They carry a complete line of gilders' materials, oil, burnish, and mat gold size, brushes, tips, burnishers, and in fact everything that is necessary for all classes of work. In their manufacturing department they have the latest invented machinery, operated by power, and turning out a first-class grade of materials. Their general trade is well-established and permanent. Still the house uses all legitimate means to extend and increase it, and are succeeding. The art itself is increasing and improving, and their business keeps pace with the times. Mr. Heins was born in the city and raised in the trade, of which he has a complete practical knowledge. His integrity is unquestioned and his ability well known to the trade, with which he is popular. His energetic style of handling the affairs of the house has brought it into prominence, and as he intends continuing in the same course, the future success of the concern seems assured. Active in all his habits he has made for himself a host of friends among all classes, and he stands well in general mercantile circles.

JOHAN B. JACKSON, Steam Book and Job Printer, No. 48 Centre Street.—The house of Mr. John B. Jackson, the well-known steam book and job printer, at No. 48 Centre Street, near Duane, has achieved a very enviable reputation for the excellence of its productions, and has been the recipient of a very liberal and substantial patronage since the establishing of the business here in 1883, principally from the most intelligent and critical classes in this city and vicinity. The premises occupied by the business comprise three floors, 25x75 feet each, handsomely fitted up, conveniently located, and equipped with every requisite for the systematic and successful prosecution of the business, including five Gordon and two cylinder presses, operated by steam-power, and employment is given to some forty skilled and experienced printers. The proprietor is prepared to execute all kinds of book and newspaper composition, press and job work, and plain, ornamental, and wood-cut printing, in the highest style of the art, and at the lowest possible prices consistent with first-class work. The productions are noted for taste, true artistic conception, and uniform excellence, and the proprietor can take a pardonable pride in the work he turns out. All kinds of printing are furnished promptly, and satisfaction is guaranteed. Mr. Jackson is a native of New York, with a practical experience of twenty-five years as a printer, and recognized in this city as a young man of integrity and reliability, and an accomplished master of his art.

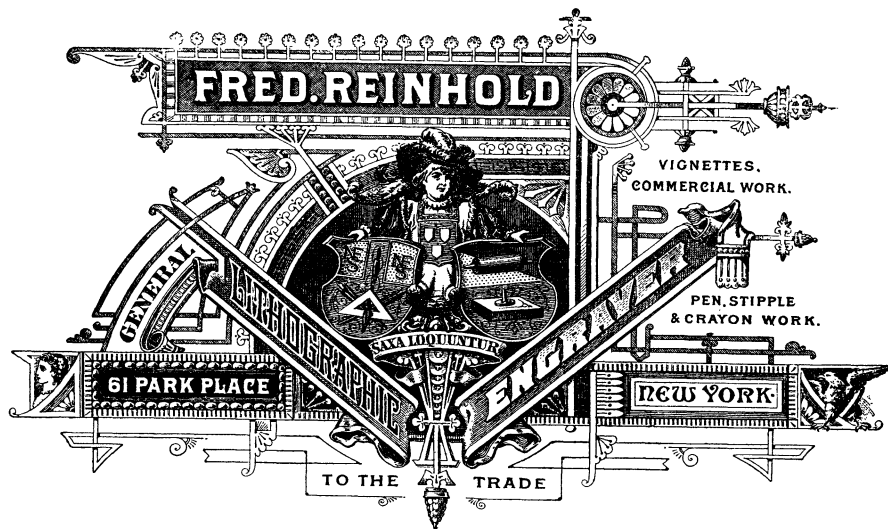
BROWN & HALL, Solicitors of American and Foreign Patents and Trade-mark Registrations. Experts in Patent Causes, No. 262 Broadway, corner Warren Street.—Prominent among the experienced and successful solicitors of patents and experts in patent causes in New York is the firm of Messrs. Brown & Hall, whose offices are eligibly situated at No. 262 Broadway, corner of Warren Street. Possessing a foundation understanding of the principles of patent law, a complete and thorough knowledge of the rules and practices governing the administration of the United States Patent Office and foreign patent bureaus, and a lengthened experience in the profession, this firm may justly be considered as eminently adapted for success in patent law practice. The senior partner, Mr. Henry T. Brown, began the practice of his profession in 1864, as senior member of the firm of Brown, Coombs & Co., continuing the business under the different styles of Brown & Brown, Brown & Allen, until 1882, when the present firm was organized by the admission to partnership of Mr. Chandler Hall, an experienced mechanical engineer and expert. As thus constituted, the firm of Brown & Hall have established a national reputation as able, scientific, and successful solicitors, and clear-headed, reliable counselors in patent causes. Their practice comprises close and careful attention to the preparation and prosecution of applications for patent and trade-marks, including the making out of specifications, drawings, caveats, assignments, reissues, designs, trade-marks, labels, and copyists; the making of preliminary examination as to the patentability of an invention, and also, as to the scope and validity of patents; attending to cases in interference, upon appeal, and before the courts, and to every other item of service necessary to the complete success of the application up to the time the patent is granted and issued by the office. No solicitors are better known before the patent office at Washington, and none can secure fairer treatment or more prompt consideration of their cases. Their papers, filed in the interest of their clients, are models of accuracy, wisdom, and perfect understanding of the case in hand, while their facilities for securing both American and foreign patents are not surpassed by any practitioners in this country. They are personally represented by reliable attorneys at Washington, and are prepared to conduct all branches of their business under the most favorable auspices. Fees are moderate and uniform, and the interests of every patron are carefully and skilfully guarded and intelligently promoted. Their clients come from all parts of the United States, Canada, and Europe, and bear testimony to the zeal and success that characterize all transactions of the firm. Mr. Brown is a native of England, and has resided here for the past forty years. Mr. Hall was born in Connecticut, and has been in this State for thirty years. Both gentlemen are noted for their legal ability and professional attainments, are perfectly reliable and trustworthy in every respect, and are eminently popular with their many patrons the world over.

JAMES BOYD'S SON, Manufacturer of Superior Refined Mould Candles, etc., Nos. 10 and 12 Franklin Street.—There are some houses in this city whose extensive transactions and long and steady career make them landmarks in the history of the past and prime factors in the commerce of the present. The house conducted by James Boyd's son at Nos. 10 and 12 Franklin Street, is a case in point. The proprietor has a national reputation as an extensive manufacturer of superior refined mould candles for winter and summer use; soft candles of all sizes, for shipping to all the Southern markets; miners' candles, superior to any other light; while the house is known as one of the oldest in its line in the country. The house was founded in 1819 by Mr. Wm. Boyd, and has been in the family by a direct line of succession ever since, the present proprietor, a son of the original, having been in sole control since 1876. Vast as are the business premises and enormous as is the volume of the business transacted to-day, it had an humble and unpretentious origin, and its growth to an honored and matured magnitude has been secured and maintained by a diligent application of business tact, energy, and enterprise, and a close observance of those principles of honor and integrity without which no enterprise can be placed upon a firm and lasting foundation. The facilities for production have been gradually increased to meet the growing demands of the trade, until the house has finally gained a prominence in this industry of which its management has just reason to be proud. The main building used for the business contains three stories and a basement, 50x60 feet in dimensions, with numerous shed extensions, while the entire premises are fully equipped with steam-power and

modern facilities calculated to raise the standard and cheapen the cost of production in every respect. They are in heavy demand in all parts of the United States, and the house is eminently popular everywhere. Some thirty skilled hands are employed, and all orders are filled with promptness and care. The facilities and resources of the house enable it to offer inducements to the trade of the most substantial character, both as regards uniform excellence of goods and liberality of terms and prices. Mr. John Boyd, the enterprising proprietor, is a native of New York, and is one of the very largest real-estate owners in the city, and prominently identified with its material growth and prosperity.

A. L. TUSKA, Importer of Japanese Goods, No. 25 Warren Street.—The advance in art matters in this country of late years has been something remarkable, and a special feature of the growing enthusiasm is the adornment of homes with goods brought from "the land of the rising sun." Japanese goods are imported in large quantities and find a ready sale. A leading headquarters in this line of trade in New York is the establishment of Mr. A. L. Tuska, located at No. 25 Warren Street. This gentleman is an extensive wholesale dealer in everything manufactured and produced in Japan, and has an important source of supply at Yokohama under the personal management of his brother, Mr. E. H. Tuska, a resident of that place, who has been a buyer there for American and European houses for the past twelve years, and in 1884 established the present business in this city in connection with his brother. The establishment here comprises four floors, 25x100 feet each, which are stocked to repletion with a large and valuable assortment of Japanese goods and novelties of every description, including the rarest bronzes, the most delicate porcelain, artistic silk and satin embroideries, fans, roses, choice bric-a-brac, and other goods unique and useful, artistic and beautiful, to supply the great and growing demands of the trade in all parts of this country. The stock is kept up to the highest standard of excellence by fresh invoices direct from Japan, of the most attractive and desirable character, while the prices which prevail are such as to greatly add to the popularity of the house among critical and discriminating buyers. The characteristics which regulate the business policy of this house are such as to entitle it to universal respect and consideration; its resources are ample and abundant, its business connections are wide-spread and influential on both sides the water, its facilities for the procurement of supplies are unsurpassed, while the substantial inducements it offers as regards quality and prices of goods are not to be duplicated elsewhere. The Messrs. Tuska are both natives of New York, enterprising, reliable, and progressive in all their methods of dealing, and are richly deserving of the success they have achieved by their industry and sagacity.

MOOORE & HORTON, Manufacturing Jewelers, No. 11 Maiden Lane.—One of the best known among the representative jewelry manufacturing concerns of the city is that of Messrs. Moore & Horton, who have been in business since 1865, and have during the intervening period attained a reputation second to that of no other house in the trade for the uniform excellence of their products and the promptitude and integrity with which their business has always been conducted. The result has been that they have from the outset always enjoyed a very extensive and influential patronage derived from many of the principal dealers in all sections of the country. The quarters occupied are eligibly located at No. 11 Maiden Lane, and comprise a commodious office and sales-room, 20x50 feet in dimensions, and a manufacturing department, the latter equipped with the finest mechanical appliances and conveniences, and furnishing employment to a large force of skilled artisans. The firm pay careful supervision to all the operations of their assistants and carry on a general line of business as manufacturers of every description of jewelry for ladies' and gentlemen's wear, using both real and imitation stones but making none but all gold settings. They make a specialty of manufacturing medals, emblems, and insignia of all kinds for societies and fraternal orders, in which line they particularly excel, their productions being of the most artistic character. The salesroom is excellently fitted up, and is filled with a superb stock of the superior goods made by the firm, all of which are representative of the highest form of workmanship. The copartners, Messrs. Albert V. Moore, a native of New York, and John T. Horton, born in New Jersey, are gentlemen of the highest standing in the business community, and their long experience has given them a proficiency attained by few of their compeers.



FRED. REINHOLD, General Lithographic Engraver, No. 61 Park Place.—The steady and marvelous progress made in lithographic work and kindred branches is one of the notable features that mark the age in which we live.—What with invention, improvement and discovery, a degree of excellence akin to perfection has been attained in this direction of late years. Among the foremost exponents Mr. Fred. Reinhold, General Lithographic Engraver to the trade, sustains an A1 reputation for fine work in this line, while he enjoys as a consequence an extensive and highly flattering patronage. Mr. Reinhold, who was born in Switzerland, but has been in this country since 1854, is a practical and expert workman himself, with over forty odd years experience in the exercise of his art, of which he is a thorough master in all its branches. Mr. Reinhold started in business on his own account in 1869, and soon established himself in public favor and confidence by the general excellence and reliability of his work. He occupies commodious and well ordered quarters, and ample and excellent facilities are at hand for executing all orders, small and large, while several skilled and experienced hands also are regularly employed. Lithographic engraving in all its branches is executed in the highest style of the art, including vignettes and commercial work, while no pains are spared to render the fullest satisfaction in every instance. Only the finest class of lithographic engraving is turned out here, Mr. Reinhold devoting close personal supervision over every detail of the business, and the trade, which extends all over the city and out of town, is at once large and prosperous.

EDWARD BOOTE, Manufacturers' Agent and Importer of Earthenware, No. 24 College Place.—While it appears to be conceded by critics and connoisseurs in the ceramic arts that from a strictly æsthetic and artistic standpoint the productions of the ancients in pottery stand unrivalled, it is equally notable that from a utilitarian point of view the earthen and ceramic wares in the best days of the art in Greece or Rome could in no sense compare with modern products in this line. The desideratum in pottery—in combining the elements of use and ornament—would seem to be reached of recent years by some of the famous Staffordshire (England) potters as may be seen by a visit to the well known and attractive emporium of Edward Boote, manufacturers' agent, importer, and dealer in crockery, No. 24 College Place, where is always displayed an extensive and exceedingly fine assortment of everything in this line, including the productions of the widely and favorably known firms of Dunn, Bennett & Co., T. & R. Boote and T. G. & F. Booth, of Staffordshire, England. This reliable and deservedly popular house was founded twenty odd years ago by the present proprietor and its history from the start marks a record of steady and substantial progress. Handling only the most superior class of goods, upright and honorable in his dealings, and conducting the establishment on strict business principles, it is only in the nature of things that Mr. Boote should have attained the prominence and the full measure of prosperi-

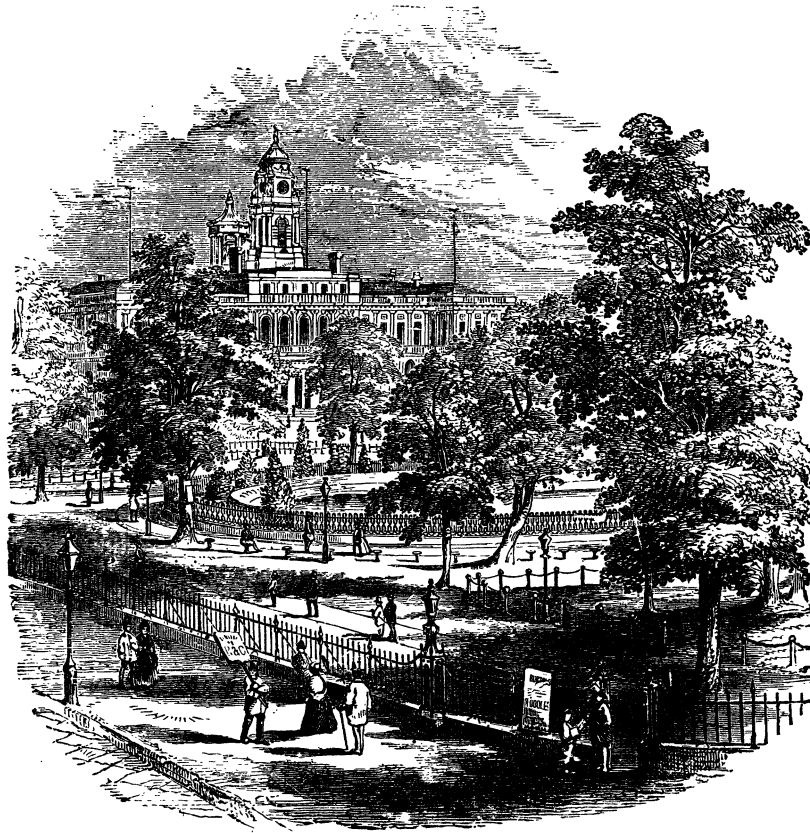
ty he has from the first enjoyed. The salesrooms occupy an entire 25x75-foot floor, and a heavy and magnificent assortment is constantly carried in stock, which embraces everything comprehended in fine earthenware of every size, style, and variety in unique and artistic design and exquisite shapes and decorations, while several efficient and courteous salesmen are in attendance, and the trade of the house, which is of a wholesale character entirely, is exceedingly large and extends all over the United States. Mr. Boote, who is a gentleman of middle age and a native of England, is a man of sterling integrity, as well as push, experience, and excellent business qualities, and is widely known and highly regarded in the trade.

SCHALL & CO., Importers, Manufacturers, and Jobbers of Articles for Confectioners, Cake Bakers, etc., No. 61 Barclay Street.—In the important trade in confectioners' and bakers' supplies, the leading, representative house is that of Schall & Co., centrally located at No. 61 Barclay Street, but two blocks west of Broadway and the Post Office. The house was founded by the late Mr. Michael Schall, thirty years ago. He was an able business man and developed a trade of great magnitude. Upon his lamented decease, in 1869, his widow, Mrs. Mina Schall formed a copartnership with her brother, Mr. Martin Keppler, to carry on the business, and under the name and style of Schall & Co. have achieved a substantial success and developed the leading trade in their line. The premises occupied are four stories and basement in height, and 25x80 feet in dimensions, and where is carried an enormous stock of articles of the choicest quality for confectioners, cake bakers, hotels, restaurants, and caterers. The firm are direct importers and large manufacturers and jobbers in such staple goods as wedding-cake and table ornaments, all kinds of cake trimmings sugar and gum-paste roses, flowers and leaves, paper and muslin leaves of all kinds, orange blossoms, costume mottoes, motto-papers, lace-papers, ornamenting papers and tubes, ice-cream glasses and plates; sugar and gum-paste toys; Christmas-tree ornaments, candles, etc.; ice-cream machines and freezers, candy machines, molds for ice cream, toys, nougats, pyramids, charlotte russe and jellies, in lead, tin, copper, and plaster of Paris, confectioners' stores, kettles, pallet-knives and all tools for that trade, essences of all flavors, icing-sugar, French glazed fruits, wafers, pistachio-nuts, silver dragee, vanilla-beans, wax-paper and ice-cream boxes, fancy boxes, imitations, etc. The firm are sole agents for A. Reiche's chocolate forms, so deservedly popular, and for Skelline tinted motto-papers. In every department their goods are of the highest standard of excellence, and it is worthy of prominent mention that Schall & Co. obtained the first award at the Centennial Exposition. The firm sell to all leading confectioners, cake bakers, restaurants, etc., and employ upward of thirty-five hands in manufacturing and filling orders. The enviable reputation achieved and the popularity of Mr. Keppler and Mrs. Schall indicate how ably and faithfully they are serving the wants of the public.

PERCY ROCKWELL, Caterer and Confectioner, corner Third Avenue and Ninth Street.—A representative house in its special line of trade in the metropolis is that of Mr. Percy Rockwell, the popular baker, confectioner, and caterer, at the corner of Third Avenue and Ninth Street, four stories high and 31x150 feet. This is a noted establishment all over this section of the city. It was founded in 1860 by Mr. Paul S. Brown who was succeeded in 1878 by the present proprietor. His bakery, at 429-431 East Seventy-fifth Street, is a two-story building 52x105 feet in dimensions, and contains six ovens, one being the revolving pattern, equal in capacity to five common ovens—together with other modern improvements and appliances operated by a twenty-five horse-power steam engine, and furnishing employment to from sixty-five to seventy skilled hands. Three hundred barrels of flour are used per week, and the product of this department is confined exclusively to bread. The cake bakery and store comprise two floors 25x75 feet each, elegantly fitted up for the recep-

and are among his permanent patrons. He operates fifteen bakery wagons throughout the city, and promptly supplies an immense demand for fresh bread and fine pastry with the best that the market affords in all cases. Mr. Rockwell is a native of this city, thoroughly experienced and practical as an accomplished caterer and baker, and held in high esteem for his skill, reliability, and personal worth.

A. MÜLLER, the only Special Manufacturer of Orthopædic Appliances in the United States, No. 106 West Thirty-seventh Street.—The ever perpetuated triumphs of the science of surgery finds no better illustration in this city than that afforded by Mr. A. Müller, of No. 106 West Thirty-seventh Street, who is prominently known as the only special manufacturer of orthopædic appliances in the United States. He has been established in his profession here since 1866, and has achieved a national reputation in his important line of manufacture. His works are



City Hall Park in 1860.

tion of customers and the prosecution of the business in a thoroughly systematic and successful manner in all its branches. The culinary departments are models of cleanliness and perfect management, and every facility is at hand for the prompt and satisfactory fulfillment of all orders and commissions. Parties, weddings, dinners, luncheons, and collations are furnished with every requisite at reasonable terms. Experienced waiters are furnished, and china, glass, silver, etc., are loaned in any quantity desired. An extensive trade is carried on in French and Vienna bread, pure and superior confectionery, plain and fancy cakes, pastry, jellies, Charlotte russe, ice creams, and sherbets, many varieties of which cannot be obtained elsewhere, and beautiful designs are furnished in the artistic grouping of which Mr. Rockwell excels. He takes pleasure in referring to Trainor's Hotel, the Anchor Line Steamship Company, Inman Line, Fall River Line, the Exchange Club, Cable's Restaurant, Down Town Association, the city hospitals, and other public institutions of this city who have had occasion to test his skill as a caterer,

thoroughly equipped with new and improved machinery and appliances for the purpose, operated by steam-power, and employment is constantly afforded to a large force of skilled and expert hands. He manufactures hip-joint splints, bow-leg braces, club-foot shoes, trusses, spine braces, and a great variety of orthopædic appliances, which have a wide celebrity in the city and throughout the country, and have given Mr. Müller a reputation that places him in the front rank of enterprise and success. His productions have been of incalculable benefit to suffering humanity, and are in constant demand among the deformed and unfortunate, both in dispensaries and institutions, and by surgeons throughout the country. The success that has attended the enterprise of this house is the best possible tribute to the genius and skill of its founder and manager. Mr. Müller is a native of Germany, a resident of this country for the past twenty-four years; still in the prime of life, and a manufacturer of vast practical experience, commanding ability, and wide popularity.

G. M. THURNAUER, Commission, Export and Import, Fancy Goods, Toys, Glassware, House-Furnishing Specialties, etc., Nos. 66 and 68 Read Street.—So seldom indeed does it occur that energy and enterprise fails of producing successful results in any branch of industry, commerce, or trade, that it may be set down almost as an axiom that these qualities, when well directed, invariably lead to success in all the walks of life. As a noteworthy instance of what these elements may accomplish for men engaged in mercantile pursuits, attention is directed in this review of the general business interests of New York to the widely known and flourishing establishment of G. M. Thurnauer, importer, exporter, and commission dealer in fancy goods, toys, art novelties, glass and small wares, Nos. 66 and 68 Reade Street, near Broadway, and which from a very modest beginning has in less than five years reached a position in the front rank in its line, being in all respects one of the leading and most responsible houses of the kind in the city to-day. The house also maintains a branch establishment at No. 66 Rue de Bondy, Paris, France, and another at No. 12 Untere Turnstrasse, Nuremberg, Germany, while Mr. Thurnauer is sole agent in the United States for the famous "Stadelmann" lava gas-burners, exporting quite extensively also, and the transactions of the concern, which are of a most substantial character, reach all over this country, Canada, and British Provinces, beside its European connections. The business was established in a comparatively small way in 1883 by the gentleman whose name heads this sketch, but being a young man of foresight, push, and untiring energy, Mr. Thurnauer soon made his way to prominence and prosperity, building up in a few years an exceedingly large trade. Conducting the house on strict business principles, upright and honorable in his dealings, and being withal thoroughly conversant with the trade, he has been able to build up the immense business the concern now transacts. The business premises occupy the whole of a 50x70 feet four-story structure, well ordered and equipped throughout, and a vast and varied assortment is carried—a magnificent display being made. The stock embraces beautiful and artistic bronzes, bisque-work, and bric-à-brac in great variety, antique and unique pottery, rich and rare glass products, exquisite ceramic wares, lamp-goods, novelties in glassware, toys in almost endless assortment, notions, small wares, fancy goods, and house furnishing specialties. The stock also includes druggists' and stationers' sundries, the "Stadelmann" lava gas-burners, and a multifarious collection of useful and ornamental articles, while a large and efficient force of clerks and salesmen are in attendance, the proprietor himself devoting close supervision over every department of the house.

F. P. LOCKLIN & BRO., Manufacturers of Fine Gold and Silver Headed Walking Canes; Office and Factory, Nos. 206 and 208 Canal Street.—In its special line the credit must be given to the house of F. P. Locklin & Bro., as the leading manufacturers of fine gold and silver headed walking-canes, umbrellas, parasols, and whip mountings of every description, and jewelry, silver novelties, etc. Their business is not approached in volume by any competitive establishment in this city, while their productions hold the same relative position as their trade, namely, at the head of the list. The enterprise was founded eighteen years ago by Mr. F. P. Locklin, and carried on by him alone until 1878, when he admitted to partnership his brother Mr. P. H. Locklin, the firm-name as at present formed being adopted. The trade of the house has developed to large proportions, its tributary area including the entire country. The plant, which is comprised in two spacious floors, each 50x100 feet in dimensions, completely equipped with the most improved steam-working machinery and all requisite appliances, and constant employment is afforded a force of fifty hands. The trade is wholesale exclusively, and the most liberal concessions are made in prices and terms. The Messrs. Locklin, who are natives of Providence, R. I., are esteemed as most worthy members of the commercial community.

E. D. SLATER, General Printer, Nos. 153 and 155 Fulton Street.—In "the art preservative of all arts" it is safe to say that the house of Mr. E. D. Slater has no superior in the metropolis. It was founded in 1855, by Messrs. Slater & Reiley, Mr. Slater succeeding to the sole control in 1868, and it has ever enjoyed a liberal and influential patronage. The premises occupied are spacious in size, and are admirably arranged and equipped for facilitating the work in hand with wonderful ease and rapidity of execution. Work in printing of every description is per-

formed with true artistic conception and fine results, a leading specialty being made of illustrated catalogues. No house in the city has been more successful in this line of enterprise or produced a better class of work. Twenty experienced hands are constantly employed, and every facility is at hand for the prompt, accurate, and satisfactory fulfillment of all orders and commissions, from a card to the largest illustrated catalogue. The prices which prevail are invariably fair and reasonable, while the enterprising business methods, practical skill, and thorough reliability that are characteristics of this establishment, combine to commend it unreservedly to the favor and confidence of all. Mr. Slater is a native of Ellenville, Ulster County, N. Y., a resident of this city for the past forty years, and one of its most estimable citizens. His patronage is liberal, influential, and permanent throughout the city, not only of New York but also in all the larger cities of the United States, and he has acquired a prominence in his art which is accorded only to those having a foundation understanding of all the details and requirements of the trade.

T. THE HAZARD MANUFACTURING CO., Manufacturers of Iron and Steel Wire Rope, Works, Wilkesbarre, Pa. Office and Warehouse, No. 87 Liberty Street. Thos. D. Conyngham, Sole Agent.—One of the leading manufactories of iron and steel wire rope in the United States is the Hazard Manufacturing Co. of Wilkesbarre, Pa. The concern was established in 1848, and is one of the great pioneers of skilled industry. The company has steadily enlarged the volume of its trade in keeping with the growth of enterprise and development of mechanical devices demanding the vastly increased use of wire rope, and to-day its works are of large size and equipped in the most thorough manner with machinery and appliances especially adapted to the production of the very highest grade of all descriptions of wire rope. They employ an average force of two hundred hands and the product is shipped all over the United States. In 1880 the demands of the trade were so great that a branch house was established in New York, at No. 87 Liberty Street. The ropes and cables manufactured by this company are specially adapted to work of the most trying character, by reason of the care taken to use only the best inspected materials. The 1,500,000 feet of the cable used in the Chicago cable railroad was produced at the Wilkesbarre works; also 58,000 feet of the cable for the Tenth Avenue cable road of this city, and numerous others. The New York house carries a heavy stock of wire rope of all dimensions and is prepared to promptly fill all orders for elevators, hoisting, and guy ropes, ships' rigging, railway cables, etc. The President of the Hazard Manufacturing Co. is Charles Parrish, Esq., too well-known to require comment at our hands. It is under his able guidance the company has made such remarkable progress. He has the valued support of Mr. Edward Gaston, who ably and faithfully discharges the onerous duties of treasurer, and Mr. T. S. North, superintendent of the works. The company is a most important factor among leading American industrial interests, and its New York warehouse affords appreciated facilities for supplying the large and growing Eastern trade.

S. STANDARD LEATHER NAIL CO., Manufacturers of Solid Leather Nails and Buttons, and Standard Leather Gimps, Nos. 41 and 43 Centre Street.—This company have a reputation and a trade coextensive with the continent as extensive manufacturers of solid leather, nails and buttons, standard leather gimps, and patent illuminated metal nails, for upholstery, furniture trimmings, etc., and have an increasing trade that extends not only throughout the United States, but to South America, West Indies, and many European nations. The premises occupied for manufacturing purposes are spacious in size, finely equipped with new and improved machinery, operated by steam-power, and employment is given to about twenty skilled and expert hands. The products of this progressive house are readily recognized wherever introduced as absolutely unequalled for quality, design, reliability, and general excellence by those of any competing concern in this country or Europe. The goods command a ready sale everywhere, and are general favorites with jobbers and retailers; while the prices which are quoted by the company are so low and attractive as to defy successful competition by sellers of inferior goods. The enterprising proprietor is a native of England, has resided in this city for the past twenty-five years, is possessed of ample capital and abundant resources, and has wide-spread and influential connections in business and trade circles.

G. S. WOOLMAN, Mathematical, Optical, and Philosophical Instruments, Drawing Materials, etc., No. 116 Fulton Street. —To those of our readers, whether dealers in or users of any kind of mathematical, optical, or philosophical instrument, in need of same, we would strongly recommend to place their orders with Mr. G. S. Woolman, whose resources, facilities, and experience are unrivalled in this difficult branch of trade. He is a native of Philadelphia, who became connected with the trade upward of twenty-five years ago, and who in 1870 permanently removed to New York. In 1876 he opened his present establishment, always permanently located at No. 116 Fulton Street, and which has become popularized and familiar throughout leading professional and trade circles, as a place where the best instruments and accessory apparatus can be purchased at the lowest prices. Mr. Woolman is both a direct importer and a heavy dealer in instruments of domestic manufacture, being the agent here for Messrs. James W. Queen & Co., of Philadelphia, Messrs. R. & J. Beck, of London, and Messrs. W. & L. E. Gurley, manufacturing opticians of this city. The stock carried by Mr. Woolman is the most comprehensive, elaborate, and reliable in town, and comprises full lines of mathematical instruments; telescopes, and microscopes of all standard powers; opera-glasses adapted to every want, and finished in all styles from plain leather to the most beautiful mother of pearl; spy glasses, marine glasses; spectacles and eye-glasses of every conceivable power, with the best pebble and other lenses, and adapted to the most exacting requirements. Surveyors' instruments and equipments, from theodolites to staffs and chains, are a specialty, while all through the list the prices will be found the lowest quoted, both at wholesale and retail. Mr. Woolman's monogram is accepted as the best trade mark on all goods in his line, and as the result of his honorable, progressive, and liberal policy, he has acquired and permanently retains the patronage of leading surveyors, engineers, colleges, and seminaries of learning, specialists, and the public at large, and is a worthy representative of this important branch of trade.

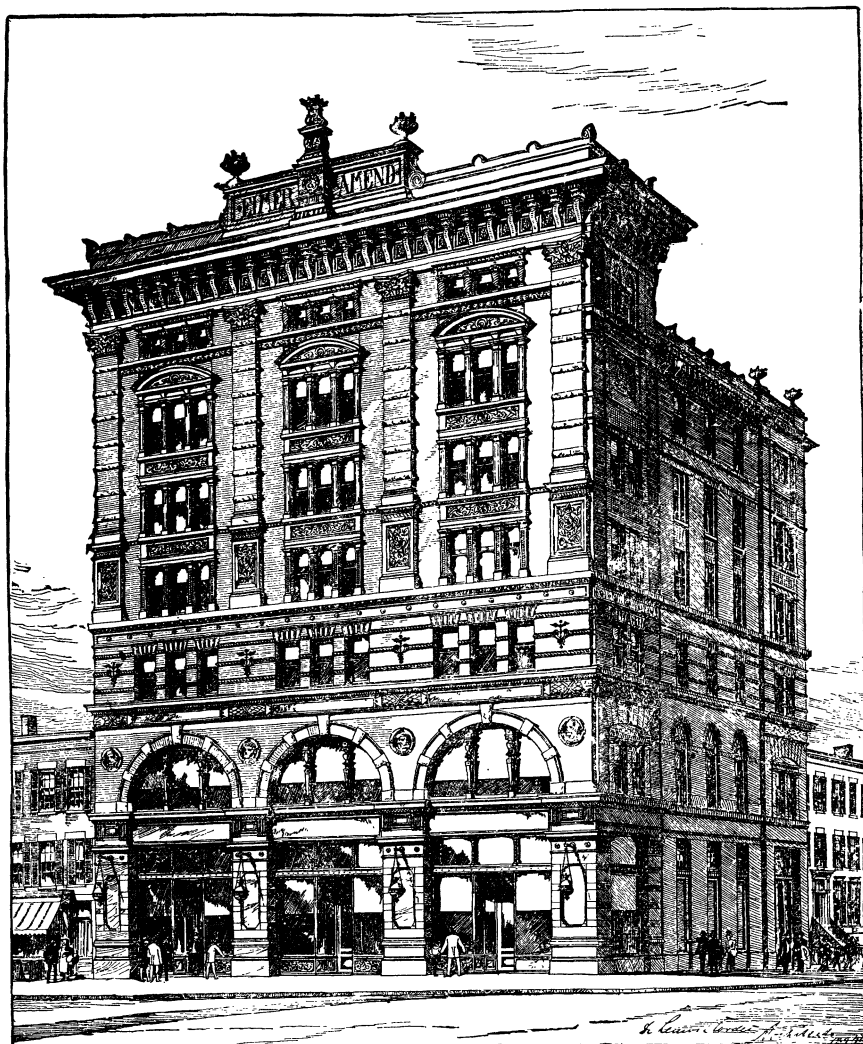
W. M. G. SHORT & CO., Importers and Wholesale Dealers in Saddlery Hardware and Manufacturers of Horse Clothing, etc., No. 27 Warren Street. —There is no firm name more familiar or respected throughout the saddlery hardware or horse-goods trade than that of Messrs. Wm. G. Short & Co. This house is not only old-established but one possessed of unusually perfect facilities for securing the latest improved goods and appliances, while the partners have achieved an enviable reputation throughout commercial circles. The house was founded in 1850, being then known as Messrs. Henry Seaman & Co. It continued to do an ever-enlarging volume of trade, until upon its dissolution in 1877, Mr. Short who had been connected with the concern for a number of years, in a responsible position, formed the existing copartnership with Mr. G. C. Arrowsmith and which has continued the business upon the old-time basis of honor and enterprise. The firm are direct importers of saddlery hardware of the highest quality, and dealers in specialties of domestic manufacture, the stock being the most comprehensive and best assorted known to the trade. Importing and handling to such a large extent, the firm offers substantial inducements not duplicated elsewhere. Messrs. Short & Co. are also manufacturers of horse clothing upon an extensive scale, the finest grades of hand made harness, gold and silver mounted, and robes, riding saddles, halters, bridles, etc. Those interested will find it to their direct advantage to inspect this magnificent stock, which has been chosen by experienced experts and is adapted to the needs and requirements of manufacturers and custom harness makers. Messrs. Short and Arrowsmith are both natives of New York State, and gentlemen of superior executive abilities, whose progressive policy and honorable methods have secured to them a permanent trade of great value and magnitude.

M. SCHMICKL, Manufacturer of Satchels and Bags; Specialties in Alligator Leather; No. 28 Warren Street. —There is nothing that contributes to the metropolitan character more directly than the enterprising and reliable custom or order houses, thereby augmenting the facilities of supply and inducing trade to a given centre. As a source of supply for leather satchels and bags, etc., New York has long occupied a conspicuous position. A prominent establishment engaged in this trade is that of Mr. M. Schmickl, No. 28 Warren Street, who founded his enterprise ten years ago, and who has since built up a trade of great magnitude. Throughout his business career Mr. Schmickl has ever com-

manded a liberal and influential patronage, owing to the unsurpassed quality, style and workmanship of his various productions. The premises occupied are very commodious, and comprise three spacious floors, suitably fitted up and equipped with every appliance and convenience for the successful prosecution of the business. The manufacturing department affords employment to a corps of twenty skilled and experienced workmen, who are engaged in manufacturing a fine grade of leather satchels and bags and other leather goods of superior quality. A specialty is made of alligator leather goods, and a very heavy stock is carried on hand at all times. Satchels and bags of original designs are made to order, and customers who have once given their orders to Mr. Schmickl invariably continue to obtain any article required from this popular house. The business is wholesale and retail in its character, and is wide-spread. Mr. Schmickl is a native of Germany, and came to this country in 1870. He is a resident of Newark, and is one of our most popular business men.

N. J. DEMAREST & CO., Manufacturers and Exporters of Fine Harness, No. 51 Warren Street; D. Demarest, Manager. —One of the finest and best-known emporiums of trade in fine hand-made harness at wholesale in the metropolis is the establishment of Messrs. N. J. Demarest & Co., located at No. 51 Warren Street. The factory of this firm is situated in the city of Newark, N.J., New Jersey Railroad Avenue, Lafayette, and Bruen streets, and has been in successful operation since 1823, making it one of the oldest manufacturing institutions of its kind in the United States. An average of one hundred and thirty hands are employed in the factory, and the output is a marvel of completeness, extent, and variety in horse-furnishing goods. The salesrooms in this city are spacious in size and attractive in all their arrangements. The harness here displayed are all of the firm's own superior manufacture, in which nothing but the very best materials, trimmings, and mountings are used, and nothing but the most expert and conscientious workmanship permitted. The output is kept steadily up to the highest standard of excellence, while the fine facilities and ample resources possessed by the firm enable them to guarantee the prompt and satisfactory fulfillment of all orders. Their goods are in heavy and constant demand, not only in all parts of the United States, but throughout the West Indies, South America, Australia, and many European countries. The members of the firm are Messrs. N. J. Demarest and L. J. Keefe, both natives and well-known residents of New Jersey, while the management of the New York house is entrusted to the competent hands of Mr. D. Demarest, who has a foundation understanding of all the details and requirements of the trade.

J. JOHN C. PRAGUE, Architect, Prague Building, Broadway and Forty-fourth Street. —The profession of an architect is a very difficult one, requiring a great amount of study, and in addition a practical training in active source, and a thorough scientific and mechanical education. These essential requisites have been developed in a marked degree by Mr. John C. Prague, who has been engaged in the practice of his profession for the last twenty years. Mr. Prague's offices, are located in the Prague Building, Broadway and Forty-fourth Street. Proofs of Mr. Prague's skill are very numerous in New York and the neighboring cities, as embodied in the many splendid buildings he has designed and erected. These buildings are much admired by experts for their stability and elegance, while the elaboration of detail and care bestowed upon every department of his work reflect the utmost credit on his business-like methods. He has latterly erected the following, viz: Grenoble apartment houses, Fifty-seventh Street and Seventh Avenue, Second Avenue stables, and about fifty first-class houses on West Eighty-sixth Street near Ninth Avenue. Mr. Prague devotes all his energy and ability to the practice of his favorite profession, and conscientiously discharges his duties to all favoring him with commissions. He employs a number of draughtsmen, and his plans are always accurate and complete in every detail, while his estimates and calculations are based on the most practical and comprehensive knowledge of quantities and values. Mr. Prague was born in Louisiana, but has resided in New York the greater part of his life, and is highly regarded by the community for his ability and integrity. Those contemplating the erection of flats, warehouses, stores, factories, mansions, or villas, will consult their own interests by placing their orders with Mr. Prague, who will guarantee accuracy of estimates and an honorable and vigilant supervision of the work in progress.



EIMER & AMEND, Wholesale Druggists, Importers of Drugs, Chemicals, and Chemical Apparatus, Nos. 205-211 Third Avenue, corner Eighteenth Street.—No branch of commercial enterprise in the great metropolis is more important or more representative in character than that of the wholesale drug trade, and, both as regards resources and sterling enterprise, our leading houses are celebrated throughout the length and breadth of the land. Prominent among the number and one of the oldest established is the widely known house of Messrs. Eimer & Amend, at Nos. 205 to 211 Third Avenue, corner of Eighteenth Street. This firm are extensive wholesale druggists and importers of drugs, chemicals, and chemical apparatus, and they originally established themselves here in 1851, as a small retail store, steadily increasing their business each year, and in 1886 they erected their present spacious and elegant quarters. These comprise a fire-proof building, containing seven stories and a basement, seventy-five feet square, built of yellow brick and granite trimmings, and forming one of the most perfect establishments in this line in the country, a thorough system of organization being enforced and every department being in charge of experienced pharmacists. The firm are general dealers in fine drugs and chemicals, chemical apparatus, assay goods, chemists' supplies, essential oils, acids, tinctures, essences, herbs, roots, gums, etc., renowned alike for purity, freshness, and close prices. They possess superior facilities for the importation of the finest line of goods known to the trade, and sell direct to the leading houses in this city and throughout the country, having developed a large, permanent trade by the exercise of a judicious and reliable business policy. Employment is regularly

given to from sixty-five to seventy-five skilled hands, and from eight to ten experienced salesmen represent the house upon the road. The sole surviving proprietor of the business is Mr. B. G. Amend, his partner, Mr. Charles Eimer, having retired in 1882. Mr. Amend was born in Germany, where he studied his profession, and came to this country in 1848. He has ever retained the confidence of the trade and the general public as a gentleman of the highest repute for ability and integrity, and those entering into commercial relations with his house can rely upon securing advantages not readily obtained elsewhere.

WIEBUSCH & HILGER (Limited), Manufacturers and Importers of German and English Hardware and Cutlery, Guns, and Gun Material, Nos. 84 and 86 Chambers Street.—A leading representative of the wholesale hardware trade is the firm of Wiebusch & Hilger (Limited), a house that is widely and favorably known. Messrs. Wiebusch & Hilger deal in hardware, cutlery, and guns, and are recognized as headquarters on these lines of goods. As to facilities, experience, and important connections, they stand second to none. They are representatives of many of the largest and best known manufacturers of England, Germany, Belgium and France, and in many instances are exclusive agents. Their connections in this country are with no less important interests, and they place upon the market many of the best known goods in their line produced by domestic manufacturers. The house is known throughout the land and their established reputation is a sufficient and ample guarantee for prompt and honorable treatment.

C. T. RAYNOLDS & CO., Color Makers, Paints, Artists' Materials, and Varnishes, Nos. 106 and 108 Fulton Street, and No. 21 Lake Street, Chicago.—The leading position occupied by the great city of New York in all departments of commerce and industry, is due in a great measure to the judgment, ability, and enterprise of her merchants and manufacturers. Prominent in the manufacturing world and unrivalled in the United States or Europe in the production of colors, paints, etc., is the representative and progressive firm of C. T. Reynolds & Co., whose offices and sales-rooms are located at No. 106 and 108 Fulton Street. This house is the oldest of its kind in the United States. It was founded one hundred and eighteen years ago, and the following have been the changes in the style and title of the firm since that date: 1770-1798, William Post; 1798-1800, William Post & Sons; 1800-1834, William & Guardus Post; 1834-1836, William Post; 1836-1846, Butler & Barker; 1846-1848, Francis Butler; 1848-1851, Butler & Reynolds; 1851, C. T. Reynolds; 1852-1855, Reynolds & Devoe; 1855-1858, Reynolds, Devoe & Co.; 1858-1864, Reynolds, Devoe & Pratt; 1864, C. T. Reynolds & Co. The individual members of the present copartnership are Messrs. Chas. T. Reynolds, Thomas B. Hidden, Leonard Richardson, Edward L. Molineux, Aquila Rich, Edward H. Reynolds, all of whom are able and experienced business men, fully conversant with every detail and feature of this growing and valuable industry and the requirements of patrons in all parts of the world. The premises occupied comprise a superior five-story building 80x150 feet in dimensions. The factory is admirably equipped with all the latest improved appliances, machinery and apparatus known to the trade. The firm employ three hundred and fifty operatives in the factory, and one hundred assistants, etc., in the warehouse. Messrs. C. T. Reynolds & Co. are the most noted color-makers and manufacturers of paints, artists' materials, and varnishes in America. All their goods are absolutely unrivalled for quality, reliability, utility, and general excellence, and are everywhere recognized and appreciated by the trade, while the prices quoted in all cases are extremely moderate. The trade of the firm extends to all parts of the civilized world. We would observe that this famous house has stood for nearly a century and a quarter with unimpaired credit through financial panics and crises, and has erected a monument more enduring than brass, for integrity, enterprise, and sound business principles. Its management is now in the hands of men both in the factory and warehouse, who combine ripe experience with ability, and it is absolutely certain that the prestige, reputation, and success so honorably earned by this trustworthy firm will be maintained without blemish for many generations.

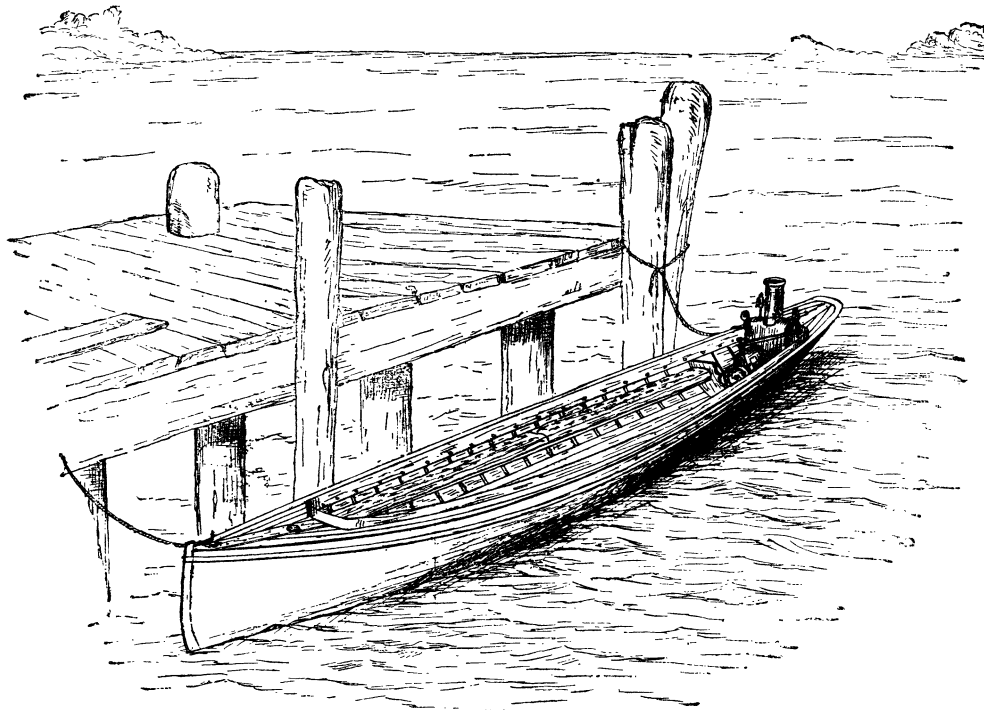
UNION ENAMELING CO. (Limited), White Enameled Letters, Wrought Iron Enameled Signs, No. 122 Fulton Street; Charles Lehmann, Jr., President; John J. Requa, Treasurer.—A representative and widely-known house in the metropolis, engaged in the manufacture of white enameled letters and iron enameled signs, is that of the popular Union Enameling Co. (Limited), whose office and salesrooms are located at No. 122 Fulton Street. The company has also an office in Chicago at No. 119 East Madison Street. This company was duly incorporated under the laws of New York in 1883 with ample capital, and since its organization has built up a liberal and permanent patronage in all sections of the United States. The following gentlemen, who are highly regarded in mercantile circles for their business ability, skill, and integrity are the officers: Charles Lehmann, Jr., president; John J. Requa, treasurer. The works of the company, which are admirably equipped with all modern appliances, machinery and apparatus, and furnish constant employment to sixty skilled operatives, are in Canarsie, N. Y. The Long Island company manufactures extensively iron enameled signs, white enameled letters, and embossed glass letters, which are absolutely unrivalled for durability, finish, utility and general excellence. The company's iron enameled signs for advertising are genuine enamels on wrought iron, require no cleaning, are everlasting, and always bright. The white enameled letters are made to order in script, German text, or special designs, while the removing and replacing of letters is promptly attended to. All orders for signs or letters are carefully filled at extremely low prices, and the trade of the company is steadily increasing, owing to the superiority and durability of its productions, which are general favorites with merchants and storekeepers wherever introduced. Heretofore iron enameled signs have been imported from England, requiring many months to execute orders. The duty is 45 per cent., which, with

freight charges, enables American manufacturers to greatly undersell their European competitors. The Union Enameling Company's goods are guaranteed to be in every respect equal to the imported ones, and although the secret of the mixing process has always been carefully guarded by the English manufacturers, this company have succeeded in securing the services of the former manager of one of the largest English works, who is thoroughly conversant with every detail, and they are consequently sole American manufacturers of the iron enameled signs. As a complete and indisputable indorsement of these signs, as to utility and durability, it may be properly mentioned that they have been adopted by all the L. railroads, for all purposes applicable.

JABEZ BURNS & SONS, Sole Manufacturers of Burns' Patent Coffee and Spice-mill Machinery, No. 3 Worth Street.—The leading manufacturers in the world, specially engaged in the designing and production of coffee and spice-mill machinery, are Messrs. Jabez Burns & Sons of No. 3 Worth Street. Mr. Jabez Burns, the head of the house, is a native of England, and early in life removed permanently to the United States. He is a natural born inventor, and recognizing the inferior crude character of the mills devoted to the grinding of coffee and spices, he set to work and invented "Burns Patent Coffee and Spice-Mill Machinery," immeasurably superior to any other in existence and so recognized by the trade; proved also by the heavy demand for same. Mr. Burns established his business in 1864, and subsequently took into copartnership, under the existing name and style, his two sons, Messrs. Jabez Burns, Jr., and Robert Burns. They are both young business men of excellent practical ability and sound judgment; and thus constituted, the firm is one of the most enterprising in the city, admitted on every hand to be the leader in its line. Their factory is centrally located, fitted up with the most improved appliances run by steam power. Upward of fifty hands are employed in the manufacture of Burns' Patent Coffee and Spice-mill Machinery. Only the best iron and steel are used, and all workmanship is guaranteed. The prices are very low, and the largest contracts will be promptly executed. The Burns mills are found in use in the large coffee and spice establishments of this city and all over the continent, the firm filling orders and shipping their machinery all over the United States—East, West, and South. The firm has ever retained the confidence of leading commercial circles, and is the worthy representative of a vitally important branch of manufacturing industry.

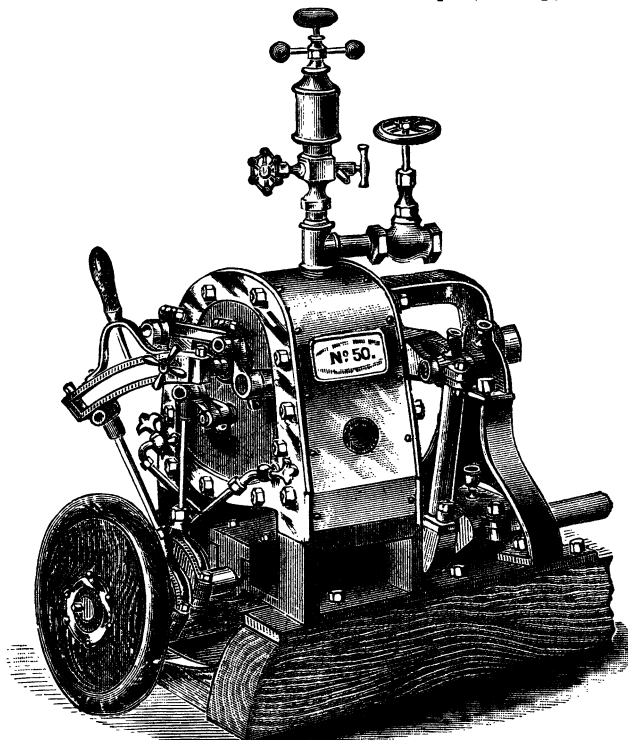
ROGERS & SHERWOOD, Printers, Publishers, Bookbinders, Nos. 21 and 23 Barclay Street, Nos. 26 and 28 Park Place.—This house has won for itself a reputation in the commercial and publishing world as a strictly reliable and trustworthy concern. Established nearly a quarter of a century ago, for the past twelve years they have been located at the above address. In their commodious quarters, with large facilities and all the modern appliances pertaining to the printing business, they are enabled to turn out work of a superior character and at reasonable prices. They employ from sixty to eighty hands. While this house does a large general printing business, they make a special feature of the finer class of catalogue and magazine work; also of artistic novelties in printing and binding, in which they have a large and growing trade. This is a class of work that calls for experience and skill to successfully turn out. Possessing these and ample mechanical facilities, their manufactures give good satisfaction. Mr. Rogers, who is at the head of the manufacturing department, and to whose zeal and care their success is largely due, was born in Utica, but has been a resident of New York City nearly all his life. Mr. Sherwood, a native of Brooklyn, is a valuable second, and is deservedly popular among the trade. The house has been built up by skill and industry and holds its trade by a close regard for the interests of customers.

J. KITTEL & CO., Importers of Fancy Pottery and Glass Ware, No. 28 Barclay Street.—An important branch of commercial activity and one deserving of special mention in a review of the leading business interests of New York, is the importation of fancy pottery, glass ware, porcelain, china, art goods, etc. An old established and representative house in the metropolis, actively engaged in this trade, is that of Messrs. J. Kittel & Co., whose office and warerooms are centrally located at No. 28 Barclay Street. This business was established forty years ago by the present owner's father.



J. W. WALTERS & CO., Marine Architects and Engineers, Nos. 39 and 41 Cortlandt Street.—This enterprising and successful engineering concern was started in 1885 by Mr. J. W. Walters, who is a native of Germany, and has resided in the United States for the past twenty-eight years. In November, 1887, he formed a partnership with Mr. V. D. Bacon, who is a native of Boston, and a marine designer of long experience. The firm are general marine architects and engineers, manufacturers of Walter's pendulum piston-engine, the national steam-launch motor, the home thermogen for automatic house-heating, etc. They make a specialty of high-speed steam-launches and their machinery, and are also U. S. agents for Svedberg's marine governor. In the pendulum piston steam-engine made by this firm a revolution has been effected in the transmission of steam-power. The *Marine Journal* made a rigid examination of this engine, and on July 31, 1887, said of it: "Our front-page engravings this week illustrate a new form or type of marine engine and boiler. In this design the height, weight, and friction of engines are reduced to a minimum, and the piston travel is made independent of the travel or stroke of the crank. The piston is a square, fastened at its upper edge to a shaft and suspended in a sector-shaped chamber, in which it vibrates like a pendulum; hence its name—pendulum engine. The shaft at its upper edge acts as the fulcrum, the piston vibrating to and fro in a segment of a circle. A Corliss or rocking valve placed above this piston-shaft admits and exhausts steam on either side alternately. The exhaust steam enters a jacket around the piston chamber, and therefore prevents radiation in the same. The vibrating motion of the piston is transmitted to the crank shaft by an arm fastened at one end of the fulcrum or piston-shaft, and by means of a connecting-rod causes a revolution of the crank-shaft to every vibration of the piston. The piston-packing is metallic, and by a simple device in the corners the increasing wear towards the periphery of the segment is automatically adjusting, and it will last for years without removal. In the present engine constructed, this system is compounded; the low-pressure engine being four to one expansions to the high pressure in volume, and both engines are connected with one crank-shaft, the cranks being placed at right-angle to one another, which obviates the centring of the engine. The valve-gear is the simple link-motion, actuated by eccentrics on the crank-shaft, and the result obtained in the workings of this engine proves the correctness of the design in every detail. This ingenious piece of mechanism was designed by J. W. Walters, marine engineer, residing at Port Richmond, Staten Island, N. Y., and it has been placed in a boat be-

longing to the United States Fish Commission, at Havre de Grace, Md. A comparison of the pendulum engine with the usual style of cylinder engine proves much in favor of the former in every way. Any one is at once struck with its diminutive size and compact, solid appear-



ance; and when it is seen in operation, the power these engines develop and their noiseless action, even under the most rapid motion, promise a great future for this invention. Its principles of motion

are true to science and natural laws, as proven in the latest developments of steam engineering. In the invention of this engine all points necessary for the highest development of power in steam have been attained without sacrifice of one essential point; on the contrary, an engine has been constructed with fewer working parts, consequently less friction of engine, with automatic balanced piston and valve, steam-jacket, large journal-bearings, and a perfect adjustment of all parts and connections. This has been accomplished in such small, compact, and simple form, that vibration is reduced to a minimum, and all parts are easily accessible for cleaning, oiling, or adjustment. These engines are rated at 25 horse-power, making three hundred and fifty revolutions per minute with ease; they are eighteen inches high, fourteen inches wide, and the two engines occupy a length of three feet and two inches on their bed-plates, and the total weight is eight hundred and fifty pounds. A cylinder compound engine of the same power and volume would stand nearly five feet high, and be at least twenty inches wide at the base, and the same length of bed-plate as these, but their weight would be more than double, averaging at least 2000 pounds; consequently these advantages will force the pendulum engines upon the market, especially as a marine engine. For naval uses nothing as yet constructed equals this as a propeller engine, as it can be placed invariably under the water-line and stand in its normal condition. By reversing this engine bottom upward it can be placed below the line of shaft in all ordinary sea-going ships." By the application of this engine the weight is reduced fifty per cent, space is reduced over sixty per cent, and the revolutions are increased from fifteen to twenty-five per cent of the usual style of cylinder engine. These facts are verified by an inspection of this type of machinery. Mr. I. S. R. Reeves, P. A. Engineer, U. S. N., speaks in the highest terms of the working of the engine in the launch of the U. S. Fish Commission, and says he has recommended this class of engines to several parties.

ANDREWS, GULICK & SILCOCKS, Manufacturers of Flavoring Extracts, and Dealers in Bakers' and Confectioners' Supplies, Grocers' Drugs, etc., No. 144 Chambers Street.—This particular branch of New York's trade forms an important adjunct to the enormous total of the city's business. A leading house in the line is that above given, which was originally established in 1877 by Andrews & Cooney, succeeded by Andrews & Nicholas, and subsequently becoming Andrews, Marsters & Gulick. In 1886 the present firm succeeded, and they now occupy the store and basement at the above number, each having an area of 25x120 feet, and heavily stocked with goods of their own manufacture. Their trade is both wholesale and retail, they being the source of supply for a large number of jobbing houses in the city, and supplying a vast number of the city retail trade with their stock of sundries. Their general trade is extensive, and growing fast, the excellence of their goods being their best advertisement, and where once handled they are always called for, thereby making them standard. Their factory contains every modern appliance that science has invented, whereby the essences, extracts, oils, etc., can be obtained from the fruit, berry, root, or bark, in its purest and most complete chemical form. Their formulas and receipts for their various preparations and compounds are valuable documents, for their productions are recognized as being chemically correct in every particular, and able to stand the test of thorough analysis. The list of their goods is too long for publication, but suffice it to say that everything manufactured by them and bearing their name is sufficient guarantee that it is a good article, and can be used as directed. Of the firm, Mr. Andrews and Mr. Gulick were born in New Jersey, and Mr. Silcock in Brooklyn. All three are energetic business men, giving their entire time to their own affairs, and being popular with the commercial world with whom they do business.

EDGARTON BYNNER, Dealer in Machinery and Supplies—Water-works Materials a Specialty—No. 94 Liberty Street.—One of the leading representative manufacturers agents and dealers in machinery and supplies in New York is Edgerton Bynner, Esq., of No. 94 Liberty Street. He is prominent as the principal dealer in water-works materials, in which line he challenges competition both as to price and quality. He is the recognized authority on everything appertaining to this branch of the trade, and brings to bear thirteen years of practical experience, while his facilities are unrivalled, and his connections the most influential of any. In his line of goods, which will always be found in stock at No. 94 Liberty

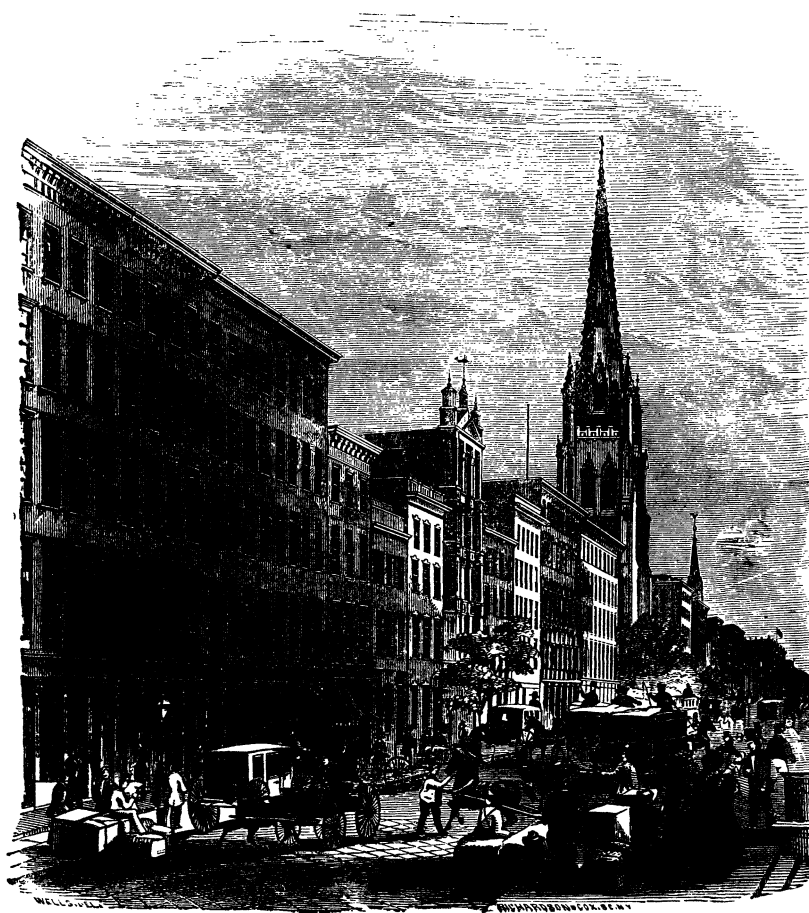
Street, are: fire and suction hose, tapping-machines, caulking tools, hydrants, gate-valves for water, steam, gas, etc., foot and check valves, etc. He contracts for special castings of all kinds, and is prepared to promptly supply the necessary staples of stand pipes, boilers, pumping engines, etc., of the most modern improved type. Important lines of the materials and supplies he handles are received from the following eminent concerns, which he represents in New York; Builders' Iron Foundry, "Globe Specials" for water and gas works; Boston Woven Hose Co., for the best fire, mill, garden, and suction hose in the world; the Bigelow Co. boilers and tanks; Peet Valve Co., manufacturers of the only positively reliable gate-valves for water, steam, and gas; Holyoke Hydrant and Iron Co.; Russell and Co.'s automatic engines; and the Hawkeye Electric Manufacturing Co. Mr. Bynner has ever retained the confidence of leading commercial circles, and is a worthy representative of a most important branch of trade. He numbers among his customers, the croton aqueduct and leading water-works companies of the United States, and studies how best to meet the special requirements of different water works under the varying conditions of pressure, system of supply, etc. Contractors for water works and those in charge of same will find this by far the best place at which to secure their supplies.

P. SURY, Importer and Exporter and Manufacturer of Turkey Red Oil, No. 14 Dey Street.—A house that commands a leading position in its special department of trade is that conducted by Mr. P. Sury, importer and exporter, whose finely-furnished office is located at No. 14 Dey Street. Mr. Sury is a native of Switzerland, and came to this city twenty years ago. He has had long and thorough experience in business affairs, and is fully conversant with the best methods of management. In 1880 he inaugurated the enterprise which he has since conducted with such eminent success, building up a large and influential trade, and ever maintaining a reputation of the highest character in mercantile circles. He carries on general business as a commission merchant and importer of machinery, chemicals, and grind-stones used in wood pulp mills, and as a general importer and exporter of foreign and American products. Only the best grades of goods are handled by him, and the best of facilities are possessed for the prompt fulfillment of orders. Mr. Sury makes a leading specialty of the manufacture of Turkey red oil, this house being the first to manufacture oil in the United States. This oil is made from the finest quality of castor oil by a special process, and is unsurpassed by anything of the kind obtainable in the market. It is furnished in any desired quantity, and is sold under a guarantee to be exactly as represented. Mr. Sury is equitable and liberal in all his transactions, his dealings being characterized by the most commendable principles of commercial integrity, and his excellent record fully entitles him to the confidence and substantial favor of the trade.

OLIVER M. FARRAND, Wholesale Diamonds, Rubies, Pearls, and Sapphires, No. 3½ Maiden Lane.—The city of New York has long been the recognized trade centre for the supply of precious stones throughout the United States, and as our country has increased in wealth, population, and prosperity, so this branch of mercantile activity has developed in importance. A reliable and progressive house engaged in this trade in the metropolis, is that of Mr. Oliver M. Farrand, whose office and salesroom are situated at No. 3½ Maiden Lane. Mr. Farrand, who has had twenty-four years experience, was formerly salesman with the firm of Randel, Baremore & Billings. He established this business in 1887, since which period he has secured a liberal, influential, and permanent patronage in all sections of the United States. Mr. Farrand keeps constantly on hand a valuable stock of rough and cut diamonds, emeralds, rubies, pearls, sapphires, etc. His facilities for procuring the finest grades of precious stones from original and reliable sources direct are unsurpassed, while the prices quoted by him are lower than those of other first-class houses. All orders are promptly and faithfully filled, and the trade of the house is steadily increasing, owing to the quality and superiority of his precious stones and diamonds, which have no superiors in this country. Mr. Farrand is a popular member of the Jewelers' League and Alliance. He was born in Fort Wayne, Ind., but has resided in New York for the last twenty-two years. In trade circles he is highly esteemed for his skill and integrity, and is now justly ranked as an expert and authority among the reliable importers of precious stones in America.

CHARLES AUCHTER, Manufacturer of Umbrella and Parasol Sticks, Natural Walking Canes, etc., Nos. 211 and 213 Centre Street.—A review of the leading manufacturing interests of the great metropolis includes necessarily the house of Mr. Charles Auchter, in the line of the manufacture and sale of umbrella and parasol sticks, and natural walking canes, located at Nos. 211 and 213 Centre Street, between Grand and Howard Streets. This house was established in 1873, by Mr. Fred Kirn, who was succeeded by the present proprietor in 1887. He occupies large and commodious premises, thoroughly equipped with new and improved machinery, operated by steam-power, and steady employment is given to ten skilled and expert workmen. His new designs and novelties in umbrellas, parasols, and canes embody every modern improvement and device, including the important features of strength and

SAMUEL LAWSON, Manufacturing Jeweler, No. 4 Maiden Lane.—Thirty years of unbroken prosperity, thirty years of honorable effort, of legitimate, upright dealing, and of a constant desire to excel, are the characteristics marking the house of Mr. Samuel Lawson, the widely-known manufacturing jeweler, of No. 4 Maiden Lane. Mr. Lawson founded his business some twenty-five years ago, at No. 55 Walker Street, removing shortly after to No. 63 Nassau Street, continuing there for twenty years, subsequently removing to No. 18 John Street, and, three years ago, taking possession of his present premises. His career from the beginning has been in the highest degree successful, his trade showing a constant expansion, and he now numbers among his permanent patrons, dealers in all sections of the United States. The quarters occupied are equipped in the most complete manner with steam-working machinery of the



Lower Broadway.

lightness, and are manufactured with special reference to durability. He is also widely popular as a turner and carver in horn, bone, and fancy woods, and buffalo-horn buttons, umbrella and parasol, whip, and cane mountings, and carries a very large and complete stock of all the goods named, to meet the exacting demands of an influential and critical trade. The prices which are quoted are so low and attractive as to insure the attention of close and careful buyers, and to defy successful competition. The trade throughout New York and the adjoining States is promptly supplied, and all transactions are placed upon the most satisfactory basis. Mr. Auchter is a native of Germany, a resident of this city since 1878, and known as an industrious and reliable worker, giving close supervision over all the processes of manufacture, and conducting his extensive business upon the broad principles of equity and honor.

finest description and every appliance is at hand to aid the skilled workmen in their labors. Mr. Lawson manufactures for the trade a full line of jewelry, making specialties of black onyx, hæmatite, and coral, and he is the oldest exponent in the city in this special branch of the business. The greatest care is exercised to insure a perfect output and the productions are of uniform excellence and general superiority. A glance at the stock reveals the fact that the designs and patterns are of original form, the workmanship of the most artistic nature, and the goods possessed of beauty in every point. The trade is supplied at wholesale at the lowest possible quotations, and orders are filled in a manner guaranteed to satisfy. Mr. Lawson is a native of Ireland and a resident of Brooklyn. He sustains the confidence and esteem of all his fellow-citizen, and is respected for his honorable character and ability.

HAMANN & KOCH, Importers of French Clocks and Bronzes, Dutch Hall Clocks, Dealers in American and Swiss Watches, Fine Jewelry, Diamonds, and Precious Stones, No. 5 Maiden Lane.—A house with an established prestige in its special line of trade with a standing of the highest character in commercial circles, and with an enviable name for the character of its merchandise and the honorable methods of its management is that of Messrs. Hamann & Koch, of No. 5 Maiden Lane. The firm are direct importers of French clocks and bronzes, and Dutch hall clocks, and general wholesale and retail dealers in American and Swiss watches, fine jewelry and diamonds, and other precious stones, both set and unset. The business of this reputable concern was founded in 1861 by Mr. J. A. Hamann, and in 1868 he admitted to partnership Mr. P. Koch, since which period the enterprise has been conducted under their joint control. Through their upright and liberal policy they have acquired a trade of splendid proportions, having its principal tributary area throughout the Eastern States, while also extending to other sections of the country. The store occupied has a frontage of twenty-five feet and a depth of seventy feet, affording ample space for the accommodation of customers and the display of goods. The place is handsomely furnished and is filled with a very heavy stock of goods in the above-named lines, all being the finest productions of the leading manufacturers in the world, and the choicest merchandise of the kind to be found in the market. A staff of efficient assistants are employed, and all patrons are waited upon with promptness and courteous attention. Messrs. Hamann and Koch, who are natives of Germany and have long resided in this country, are both watchmakers by trade, and have from youth been familiar with their vocation. They have become identified with the best interests of the city, and are highly esteemed by all who know them.

JOHNS. URQUHART, Manufacturer and Dealer in Railway, Mill, Gas, and Steam Fitters' Supplies, No. 46 Cortlandt Street.—An old-established and reliable house actively engaged in the manufacture and sale of railway, mill, and gas fitters' supplies in the metropolis is that of Mr. John S. Urquhart, whose office and salesrooms are located at No. 46 Cortlandt Street. This business was established in 1852 by Mr. Albert Bridges who conducted it till 1880, when Mr. Urquhart succeeded to the management. Mr. Urquhart is a thoroughly practical mechanic, fully conversant with every detail and feature of this important and growing industry, and the requirements of customers in all sections of the country. The premises occupied comprise a spacious store 30x150 feet in dimensions, fully supplied with every appliance and facility requisite for the systematic and successful conduct of the business. The stock, which is well selected, includes all kinds of railway, mill, gas, and steam fitters' supplies, screw jacks, bolts, fans, blowers, etc. All goods handled by Mr. Urquhart are unrivalled for utility, finish, quality, and workmanship, and are offered to customers at extremely low prices. The business of this responsible house is both wholesale and retail, and is steadily increasing in all sections of New York and the neighboring States, owing to the superiority and reliability of its productions, which are general favorites with the trade wherever introduced. Mr. Urquhart was born in Scotland, but has been a resident of Brooklyn for the last thirty years. He is an active competitor for legitimate business, liberal and just in all his dealings, and is everywhere recognized as a pleasant and energetic gentleman with whom to enter into profitable and permanent relations.

MONTGOMERY & CO., Importers Stubs' Files, Tools, and Steel, etc., No. 105 Fulton Street.—An important headquarters for tools and supplies of various kinds in this city is the establishment of Messrs. Montgomery & Co., located at No. 105 Fulton Street. This firm are extensive importers of and wholesale and retail dealers in Stubs' files, tools, and steel, Smith's music wire, Grobet files, Chesterman's tapes, Vautier tools, manufacturing jewellers' supplies, engravers' tools, die sinkers' tools, Hubert's French emery paper, machinists' files and tools, etc., etc., and have been established in the business here since 1876. The proprietors, Messrs. Geo. W. Montgomery and Geo. W. Church, have had an experience of forty years in the business, are thoroughly conversant with all the needs and requirements of the trade and are eminently popular and successful in meeting all its demands. They occupy the entire building consisting of six floors at the above number, and possess the best facilities for conducting all branches of the business under the most favorable conditions. The stock is large, diversified, and valuable,

commanding, by its own peculiar merits, general attention and liberal patronage. It embraces full and complete supplies of H. H. Barton's emery paper, sand paper, emery cloth, garnet paper in sheets and rolls, emery in grains, sticks, and wheels, machine screws, anvils, vises, lathes, reamers, magnets, oil stones, French cold-rolled steel, watch case makers' brushes, rouge, tools, crucibles, etc.; Church's patent improved double-speed indicator, either right or left; Williams & Sons' leather belting and lacing, brass, copper, and German silver in sheets, rods, and wire; piercing saws, and many other useful articles too numerous to mention here. The firm are also prepared to manufacture a great variety of tools and supplies by contract, and give steady employment to from twenty to twenty-five skilled hands. Their intimate and influential connections with manufacturers on both sides the water enable them to command every favorable opportunity of the market, and to grant their customers every advantage known to the trade as regards guaranteed goods and liberality of terms and prices. Their patronage is extensive and influential in this city and throughout the surrounding country, and all transactions are placed upon a substantial and satisfactory footing. Possessing ample capital and advanced opportunities for the procurement of supplies, this house may be justly considered as a tower of strength in the field of commerce. Messrs. Montgomery and Church are both natives of this city, and are recognized in business circles as solid and responsible citizens and representative city merchants. This house issue a finely illustrated catalogue of three hundred pages, giving cuts of every article handled by them. On receipt of fifteen cents they will be pleased to send same to any address.

A. DE REISTHAL & CO., Glassware, etc., No. 55 Murray Street.—One of the many New York houses well worthy a place in this work is that of A. de Riesthal & Co., manufacturers and importers of glassware, etc. The house was founded in 1869 by Mr. A. de Riesthal and has since steadily grown and become one of the largest and most important in its line in the country. Several years ago he associated with him his son, Mr. Gustave E. de Riesthal, and the business continued under the present firm name. The office and warehouse at No. 55 Murray Street has a dimension of 30x100 feet, and is complete in all departments for storage and business purposes. Two other warehouses at No. 55 Warren Street and at Nos. 296 and 297 South Street, are also occupied and used for the storage of the various articles manufactured and imported by the firm, which embraces glassware of every description, plain and ornamental bronze goods, lamps, lamp-shades, lanterns, etc. The trade of the house is over the whole country, and in this respect will compare favorably with that of any other establishment in the city. Mr. A. de Riesthal, who is a native of France, has lived in New York since 1864, and is closely interested and identified with the progress and prosperity of this community, and occupies a high position in commercial and in financial circles. His son and copartner, Mr. Gustave E. de Riesthal, was born and brought up in this city, and is a popular young business man. The house is represented in Paris, France, and at Arrsberg, Germany, by the firm of A. de Riesthal & Co.

JOHNS. H. MEEKER, Dealer in Works of Art; Designer and Manufacturer of Artistic Picture Frames, No. 84 Nassau Street.—An important branch of commercial activity, and one deserving of special mention in a review of the leading business interests of New York, is the importation of works of art and the manufacture of artistic picture frames. One of the finest and most popular establishments in this line is that of Mr. John H. Meeker. No. 84 Nassau Street, which was founded in 1862, and since its inception at that period has always commanded a liberal and substantial patronage from the leading residents of the city and vicinity. The premises occupied are very convenient and spacious, and fully stocked with a splendid assortment of fancy goods in the line of picture frames, and a splendid selection of oil paintings, engravings, chromos, statuary, bronzes, and art objects of every description. The salesroom has an area of 25x75 feet, is handsomely and attractively fitted up and arranged, and the stock contains at all times something that arrests the attention of those who have a taste for the beautiful in art. From four to five hands are employed, and a brisk and large business is done. Mr. Meeker, who is a gentleman of middle age and a native of New Jersey, has been connected with his present line of trade all his life, and as a business man and private citizen no one is more highly esteemed and respected.

LANPHEAR & HAFF, Wholesale Commission Fish Dealers, No. 12 Fulton Fish Market.—The wholesale fish trade of New York is one of great magnitude and importance. Among the leading houses engaged therein is that of Messrs. Lanphear & Haff, of No. 12 Fulton Fish Market. This stand is over fifty years old, and in 1856 was taken by Messrs. Rogers, Wooley & Co.; they continued till 1872, when the firm of Wooley, Lanphear & Co. was formed. In 1874, Messrs. C. T. Lanphear and A. W. Haff formed the existing copartnership. They are among the leading authorities in the market; Mr. Lanphear, who is a native of Rhode Island, having had 24 years' experience, while Mr. Haff, who was born on Long Island, has had 23 years' experience. The house thus knows the wants of the trade, and is fully prepared to meet them. As wholesale commission dealers in fresh fish, they are regular receivers of all kinds of fish in season, from the leading shippers of the East and South, and are very popular with the trade, handling the largest consignments speedily and to best advantage, while prompt account sales are rendered. The firm are the largest receivers of North Carolina shad in New York, and their business in this particular branch aggregated last year nearly four thousand boxes. They make the handling of the shad from the rivers of North Carolina a specialty, and from about March first to the warmer weather of latter April and May they carry a large stock. Much of the demand in New York for shad during the time specified is satisfactorily met by this house. Their facilities in the market are first-class—none better, including eight floats, boats, etc., and good accommodations for filling orders. Messrs. Lanphear and Haff number among their permanent customers leading fishmongers of this city and Brooklyn, and dealers throughout a wide area of territory; and are universally popular and respected, having achieved a record accorded only to those whose transactions are based upon the strictest principles of commercial honor.

HENRY B. NEWHALL Co., Manufacturers and Manufacturers' Agents, Hardware, Ship Chandlery and Railway Supplies; General Agents for Atha Tool Co., Sledges, Hammers, Hatchets, Handled Hammers, Blacksmiths' Tools; Baker Chain & Wagon Iron Mfg. Co., Wagon Hardware, Chains, etc.; Chess, Cook & Co., Tacks, Brads, Shoe Nails, Cut Nails, and Spikes; William H. Haskell Co., Machine Bolts, Loom Bolts, Chain Links, Gimlet Point Coach Screws, Nuts, Washers; Newhall Ship Chandlery Co., Scrapers, Rowlocks, Awning and Marine Hardware, Grommets, Thimbles, Clews, Tackle Hooks, Marline Spikes; Oliver Bros. & Phillips, Heavy Hardware and Railroad Supplies, Bar Iron, Soft Steel, Horseshoe Iron, Bridge Bolts, Bolt Ends, Machine Bolts; Oliver & Roberts Wire Co. (Limited), Market Wires of all kinds, Galvanized, Annealed, and Bright; Harvey W. Peace Co. (Limited), Circular, Cross Cut and Hand Saws, Saws of all descriptions; Boston & Lockport Block Co., Tackle Blocks of all kinds, Trucks for Store, Dock and Railroad use, Wooden Faucets, Car Pushers; Pittsburgh Hinge Co. (Limited), Coil Chain, Heavy Chain Cables, Single Trees, Double Trees, Trace Chains, etc.; Roy & Co. (for New England), Strap and T Hinges, Wrought Butts; H. B. Scutt & Co. (Limited), Barbed Wire, Ribbon Wire, Fencing Specialties; Standard Nut Co., Hot Pressed and Machine Forged Nuts.—No. 105 Chambers and 89 Reade Streets, New York; No. 47 Pearl Street, cor. Franklin, Boston. Export Office, No. 64 Beaver Street, New York.—The high character and standing of the leading manufacturers' agencies in this city render the trade a noticeable feature of the commercial activity of the metropolis. It would be an impossible task to compute the large amount of goods that are annually sold through this medium, while, extensive as the trade now is, it is annually increasing in volume. A prominent representative of this class of trade in New York is the Henry B. Newhall Co., who are widely known as manufacturers and manufacturers' agents for the sale of hardware, ship-chandlery, and railway supplies, and who are located at Nos. 105 Chambers, 89 Reade, and 64 Beaver Streets, in this city, and at No. 47 Pearl Street, corner of Franklin, in the city of Boston. The business was originally founded about twenty years ago, by Mr. Henry B. Newhall, and in December, 1882, the present company was organized, with Mr. Henry B. Newhall, President, and Mr. Chas. L. Phipps, Secretary and Treasurer. The long list of valuable productions mentioned at the heading of this article for which the firm are general agents are furnished to customers either from stock in New York, or by direct shipment from the factory, as may be most convenient. They carry a complete line of goods on hand, and, with their intimate and influential connec-

tions with manufacturers, they are prepared to conduct all operations under the most favorable auspices, and to grant their customers every possible advantage. They enjoy a large and active trade throughout the United States and with many foreign countries, and are recognized by the trade everywhere as possessing facilities and offering inducements in guaranteed goods and bottom prices which challenge comparison and are safe from successful competition. The standing of the company in commercial circles is too high to require any comment at our hands, and both as regards business capacity and true American enterprise it justly merits the prestige it has attained, and permanently enjoyed for the past quarter of a century. The President, Mr. Newhall, is a native of New Hampshire, in the prime of life, and prominent in the business and financial world by reason of his mercantile ability and personal worth. Mr. Phipps, the Secretary and Treasurer, is also the manager of the New York office, and has been actively identified with the interests of the company for twenty years, promoting its success and prosperity by his energy, enterprise, and discriminating judgment.

GATE CITY STONE FILTER COMPANY, No. 46 Murray Street.—This company was duly incorporated July, 1885, under the laws of New York, with ample capital, and since its organization at that date has obtained a liberal and influential patronage in all sections of the country. The following gentlemen are the officers, viz.: A. de Riesthal, of De Riesthal & Co., 55 Murray Street, President, and S. L. McBride, Secretary and Treasurer, of McBride & Company. The directors and stockholders are among the best known merchants and manufacturers in New York City. The Gate City stone filters are simple in construction, and the jars that hold the water are made of hard gray stoneware and genuine China. The filtering medium is a natural stone cut into disks, and so arranged that all water passes through it into the lower jar perfectly pure. This filter is as easily cleaned as a pitcher. It is endorsed by boards of health, sanitary associations, physicians, and scientists as the best, simplest, and most perfect filter made either in this country or Europe. There is no metal in these filters to poison the water, and they will remove perfectly all sorts of larva, spawn of worms or insects, and strange, loathsome animalculæ, rendering all water absolutely pure. The company has received thousands of indorsements and testimonials from eminent physicians, chemists, etc., relative to the superior qualities and efficiency of its filters. The following is from J. J. Brown, Prof. of Chemistry, Syracuse University, Syracuse, N. Y.: "Gentlemen: I have thoroughly tested your filter, and it has been an object of interest to many of the pupils. The foulest water I could obtain was passed through the filter and afterwards examined with a microscope for several days without detecting the slightest traces of animalculæ, the microscopical examination being made with the best lens that could be bought. The many who have witnessed my experiments are convinced that it has no equal for purifying water. The ease with which it is cleaned is obvious to all. It is superior to every filter of which I have any knowledge. J. J. Brown, Prof. of Chemistry, Syracuse University, Syracuse, N. Y." The company's filters have obtained the highest awards at all expositions, and are offered to customers at remarkably low prices considering their superiority over all others. No charcoal is used in this filter, as the filtering medium is a natural stone which impurities never penetrate, but lie on the surface; and internally the stone remains as pure and white after years of use as when first taken from the mine. To obtain the best results from the Gate City stone filters they should be cleaned and filled at night, again in the morning, and as often during the day as necessary. They empty themselves every four to eight hours, the difference owing to the dirt and filth in the water.

J. H. DIGGLES, Dry Goods Commission Merchant, No. 44 West Broadway.—The old established and reliable house, of Mr. J. H. Diggles, Dry-goods Commission Merchant, was established in 1863. He is a recognized authority with regard to the manufacture and finishing of all grades of cotton goods, whether woven colors or printed or dyed after weaving. All orders for any description of domestic dry-goods are filled at the lowest ruling market prices, and the trade of the house now extends throughout all sections of the United States, West Indies and Mexico. Mr. Diggles lives in Tarrytown, N. Y. The basis on which this business has ever been conducted has been marked by liberality and the careful fostering of the interests of all patrons.

THE GERMANIA BANK OF THE CITY OF NEW YORK, No. 215 Bowery; C. Schwarzwaelder, President; J. A. Morschhauser, Cashier.—Among the substantial and responsible financial corporations of New York to which business men can always look with confidence is the Germania Bank, No. 215 Bowery. This bank was duly incorporated in 1869 under the laws of New York, and since its organization has built up an influential and permanent patronage with many of our wealthy German citizens. It transacts a legitimate banking business, with individuals, corporations, firms, etc., receiving their accounts upon favorable terms, and affording them every convenience and facility. With a cash capital of \$200,000, the surplus now amounts to \$300,000—a fact that proves the soundness of its present condition, as well as the ability of its management. The following gentlemen are the officers and directors: C. Schwarzwaelder President; Marc Eidlitz, Vice-President; J. A. Morschhauser, Cashier; R. Wuesthoff, Ass't Cashier. Directors: Bernard Beinecke, O. Zolkoff, Daniel Bernbacher, Henry W. Schmidt, Henry E. G. Luyties, Chas. A. King, J. Bach, Otto Heppenheimer, Gustave L. Jaeger, John Lindemeyer, John Rhinefrank, Conrad Stein, Edward A. Schaeffer, C. Schwarzwaelder, Marc Eidlitz. The management of the Germania Bank is thoroughly conservative, while its business is rapidly growing, and it is at the present time one of the strongest financial institutions of this section of the metropolis. Liberal advances are made on approved commercial paper, while collections in all sections of the United States, Canada, and Europe are made on most favorable terms. The bank likewise attends to remittances at the lowest rates of exchange, and offers every possible advantage and convenience to its patrons. The principal correspondents of the Germania Bank in the United States are the Western National Bank, Philadelphia; First National, Boston; and the First National, Chicago; Mr. C. Schwarzwaelder, the President, is a clear-headed financier, and an able exponent of the soundest principles governing banking and finance. Mr. J. A. Morschhauser, the cashier, is an experienced and honorable bank officer, with every qualification for his responsible position. The telephone call of the bank is No. 779 Spring.

PROSCHNITZ & GREENEBAUM, Manufacturer of Ladies' Dress and Cloak Trimmings, Nos. 61 and 66 Lispenard Street.—Among the prominent concerns engaged in the manufacture of ladies' dress and cloak trimmings in this city, none have come to the front with that steady prosperous growth that denotes popular endorsement with better claims for supremacy than the above firm, established in 1879, by D. Prosnitz, who was in 1883 succeeded by the present firm of Prosnitz & Greenebaum. Occupying four floors at above number, as a factory and salesroom, each with an area of 45x100 feet, and completely fitted up to meet the requirements of their trade, they give employment to from fifty to one hundred hands, and carry a heavy and well-assorted stock for the supply of their patrons, who extend all through the Union and represent the very best class of dealers and manufacturers, filling wholesale orders only. They keep up to the times with every change of fashion, and the general make-up and style of the trimmings, manufactured by the house, compare favorably with imported goods on the question of style; and the difference in price is so much in favor of the home manufacture that large buyers are seeing the folly of paying so much more for imported trimmings that are really of an inferior value. The concern is a popular one, relying wholly on the merit of their goods to bring them trade. They put nothing on the market but what they are positive is good, and in this way they have secured the confidence of the trade and the advancement of their own interests, as their patrons become permanent when they find it is both profitable and pleasant, to deal direct with a first-class manufacturing house, turning out reliable goods. Daniel Prosnitz was born in Hungary, and has lived in the city ten years, thoroughly practical both in his trade and business, A. Greenebaum was born in Germany, and has been a resident of this city thirty-five years, where he is well known and respected.

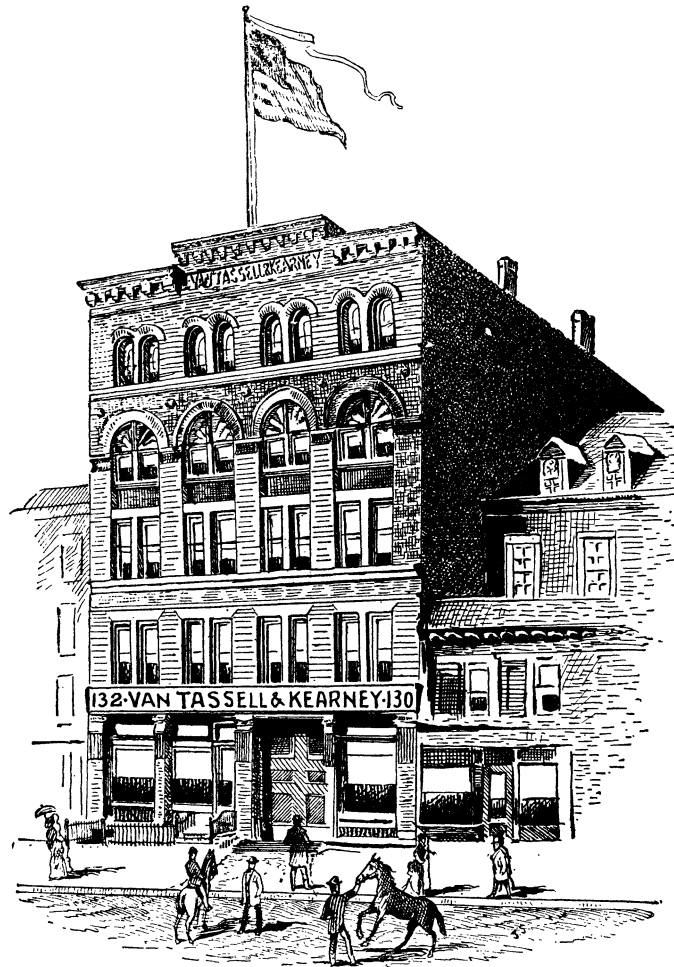
PH. WAGNER & CO., the oldest manufacturers in the United States of special Artists', Varnishers', and Coach Painters' Brushes, No. 28 College Place.—Established in 1851, the trade of this house has grown steadily with the growth of prosperity until its name to-day is familiar to the trade of the entire union by reason of its extra fine goods. The firm occupy two floors at above number—each with an area of 25x80 feet—as office, salesroom, etc. Eight to twelve men are constantly employed in handling the varied and extensive stock, carried by the house,

whose trade is exclusively wholesale, and among the very finest class of dealers. A special feature is made of artists', varnishers', and coach-painters' brushes (in which three grades this house has no superiors), although a general stock of all grades of brushes are manufactured and carried. Mr. Wagner's new acid-resisting Lithographic Brush, which he has recently had patented is being used by all the large lithographic houses in the country and are acknowledged to be the best brush in the market. Mr. Wagner was born in Germany, but has resided in this city since 1851, where he is known and respected, as a citizen and business man, who by strict integrity and honest industry has risen to prosperity.

NH. SQUIRE & SONS, Importers and Dealers in Watches and Diamonds, Jewelry, Silverware, &c., No. 97 Fulton Street.—The house of Messrs. Squire & Sons is entitled to special mention through its being the oldest and finest of the kind located on this business avenue. The enterprise dates its inception back to 1840, when it was founded by Mr. H. N. Squire, the firm subsequently becoming C. S. Squire & Bros., and later on, Squire, Lander & Co. Still later Mr. H. N. Squire became the sole proprietor and in 1883 he admitted to partnership his sons Messrs. F. J. and George H. Squire. The house has from the first maintained a high standing in mercantile circles. The commodious store occupied has dimensions of 25x80 feet, is handsomely appointed with artistic fixtures, elegant show-cases and fittings, and presents a highly attractive appearance. The large, valuable stock carried embraces a complete assortment of fine diamonds, gold and silver watches, choice sterling silver and plated ware, optical goods, and jewelry of every description, embodying the rarest patterns and most skilled workmanship. Particular attention is paid to repairing watches and fine jewelry, music-boxes, etc., all work being executed at short notice in the most satisfactory manner. The senior member of the firm, Mr. H. N. Squire, is a native of Connecticut, but has resided in New York and vicinity for the past fifty years. His sons, Messrs. F. J. and Geo. H. Squire, were born in Brooklyn, and reside in that city.

WL. HEINEKEN, Corn Cob Pipes, No. 39 Centre Street.—The corn cob pipe is acknowledged to be the sweetest and healthiest smoking pipe in the market. Why? because the corn cob is a porous vegetable growth, absorbing the nicotine of the tobacco in the pores of the cob; and, it is needless to mention, owes its chief commercial value to the ingenuity of the man who first succeeded in transforming this hitherto practically worthless article into a most excellent and now exceedingly popular smoking pipe. The gentleman to whom belongs the distinction of introducing this favorite smoking device is W. L. Heineken, manufacturer of every description of polished corn cob pipes, lined with genuine meerschautum, No. 39 Centre Street, this city, and whose products are in all respects the most superior and reliable articles of the kind upon the market. Since Mr. Heineken began to manufacture the cob pipes eight years ago, these articles have grown so universally in popular favor that several imitators have sprung up all over the country but the goods produced are immeasurably inferior in every feature of merit to his. He occupies ample and well-equipped quarters as factory, and carries constantly on hand a large and complete stock, while ample help are employed, and the trade extends all over the United States. Mr. Heineken was born in Germany, but has been in this country about thirty years, and has resided in New York about a quarter of a century.

CONNOLLY & CO. Manufacturers of American Lava Ware, etc., No. 76 Murray Street.—The business of this widely-known concern, which has a trade extending to all parts of the United States, was founded in 1864 by Mr. J. P. Connolly, who is still the sole proprietor and manager, and later on the present firm name and style was adopted. The commodious salesrooms are tastefully fitted up and are filled with an extensive display of splendid goods, the stock embracing an exhaustive assortment of American lava ware, Japanese umbrella stands, cuspadores, spittoons, ampelons, jardeniers, flower-pots, and a host of other articles too numerous for mention here, but all of them worthy of inspection and praise. Mr. Connolly holds a medal which he received for an exhibit of American Lava Ware made at the American Institute. In addition to the above business, Mr. Connolly executes japanning in all its branches, all work being promptly and satisfactorily executed.



VAN TASSELL & KEARNEY, General Auctioneers and Commission Merchants, Horse and Carriage Auction Mart, Nos. 110 and 112 East Thirteenth Street.—The auctioneer's calling is one of the greatest importance in a large city like New York, where property of all kinds is continually changing hands. The leaders in this line of business here are Messrs. Van Tassell & Kearney, whose extensive and popular establishment is located at Nos. 110 and 112 East Thirteenth Street, near Fourth Avenue. This is the largest mart in the city for the sale of horses, carriages, real estate, and household effects of all kinds at auction, and does all this class of business for the city departments. The business was first established in 1862, by Messrs. Johnson & Van Tassell, who were succeeded by the present firm in 1874. The building now occupied by the business is a four-story structure, 50x100 feet in dimensions, and the firm are now engaged in the erection of a new building in the same block, which is to contain five-stories and a basement, 65x207 feet, running through from Thirteenth to Twelfth Street, provided with elevators and every modern convenience for facilitating the extensive business of the firm, and which they will open during the coming spring. They now have regular sales every Tuesday and Friday at ten o'clock, and handle an average of 10,000 horses and from 12,000 to 15,000 wagons and carriages every year, besides a large number of horses, carriages, harnesses, etc., at private sale. Employment is furnished to from forty to fifty hands, and all transactions are conducted with the utmost promptness and under the most favorable auspices. The patronage is large and influential at all times, and the charges are eminently fair and satisfactory to all concerned. The house may be justly considered as thoroughly trust-

worthy, and patrons can rest assured that their commissions will be effectively and faithfully carried out. The members of the firm, Messrs. William Van Tassell and E. W. Kearney, are both natives of New York, trained and experienced in this line of business, possessing all the methods, enterprise, and qualifications of first-class auctioneers and successful salesmen, and business men of ripe experience and thorough reliability.

CHARLES HASKELL, Leather Goods, Umbrellas, Steamer Chairs, Novelties, No. 4 Astor House, Broadway.—One of the neatest and best kept establishments in New York is that of Charles Haskell, dealer in leather goods, umbrellas, etc. The store, which is admirably located in the heart of the busiest quarter of the city, is ample and compact, and handsomely fitted up. A most tasteful display is made of the large A1 stock, which consists of trunks, travelling bags, pocket books, bill books, card cases, sample cases, umbrellas, steamer chairs, canes, and a great variety of novelties in leather and other material, and articles of utility and luxury suited to the needs of gentlemen. Complete outfits for European travellers can be had of Mr. Haskell, who has had much experience in selecting goods suitable for extended travel, and has a thorough knowledge of what is best suited for such purposes. Buyers may feel assured that whatever Mr. Haskell offers for their inspection is of the latest design, and thoroughly reliable as to material and make. Mr. Haskell was born in the old Bay State, but has been a resident of New York for twenty-five years. He is still a young man, energetic, wide awake, and commands the confidence and esteem of all who know him. The business is strictly retail.

THE STILES & PARKER PRESS CO., Manufacturers of Presses, Drop Hammers, Dies, etc. Branch Office and Factory, Nos. 203 to 207 Centre Street; F. C. Fladd, Superintendent and Manager New York Department.—The representative and most successful house in the United States extensively engaged in the manufacture of presses, drop hammers, dies, etc., is that of the reliable Stiles & Parker Press Company. The main factory of the company is in Middletown, Conn. This business was established in 1853, by Chas. Parker, who was succeeded in 1857 by N. C. Stiles.—Eventually, in 1871, it was duly incorporated under the laws of Connecticut as “The Stiles & Parker Press Co.,” with ample capital, since which period it has built up an extensive and influential patronage in all sections of the civilized world. The following gentlemen, are the officers, viz.: D. A. Stiles, President; J. T. Elliot, Secretary; N. C. Stiles, Treasurer and General Manager; F. C. Fladd, Superintendent and Manager New York Department. From 1853 to the present time these machines have been awarded the highest premium wherever exhibited, viz., at the American Institute, New York; the Maryland Institute, Baltimore; the Mechanic’s Charitable Association, Boston; Cincinnati Industrial Exposition, Cincinnati; Vienna Exposition, Vienna, Austria; Centennial Exposition, Philadelphia. The presses, machines, and tools of “The Stiles & Parker Press Co.” are now in active use in the government, as well as the private armories of Austria, Egypt, Prussia, Russia, Turkey, Sweden, France, the United States, and Mexico. The Stiles & Parker Press Co. is now prepared to furnish all the machinery, tools, and dies required in the making of petroleum, oyster, fruit, and other cans; boxes of all kinds, pails, etc.; panel, head-cutting, and stamping presses; power and foot squaring machines; open-front presses for wiring pieced tin-ware, pails, cups, etc.; horn presses for closing side seams of cans, boxes, etc., and for punching holes in cylinders, etc.; wire ring machines; wire-cutting, straightening and forming machines; crimping, forming, and beading machines; square, round, and oval can-forming machines; squaring and slitting shears, etc.; in short, every tool required for the complete manufacture of every article made from all kinds of sheet metal, wire, cloth, paper, leather, etc. With drawing presses, spinning lathes, and all other machinery requisite in the making of hollow ware of brass, silver, britannia or tin, the company is ready to furnish parties at short notice. All the presses can be varied to suit special work as to size of opening in bed, motion of slide, manner of holding dies and punches, etc. The company publishes annually a superior illustrated catalogue, which is forwarded promptly upon application.

PACH BROTHERS, Photographers, No. 841 Broadway, with Twelve Branches—at West Point, Long Branch, Ocean Grove, and elsewhere.—Messrs. Pach Brothers have photographed more people than any other photographers in the country. It is difficult to find a graduate or student of our leading universities who has not had a class picture from Pach’s camera; while here in the city and at the great watering places the photographs of the best people will by a large percentage bear the brand of Pach Bros. Their remarkable success is wholly due to *merit*. The business was founded by Mr. G. W. Pach in 1872, and who continued sole proprietor with an ever-enlarging patronage, until, in 1877, to meet the widespread demand for work from his studio, his brothers, Mr. G. P. and Mr. O. Pach, came into copartnership under the existing name and style. Their principal establishment is located at No. 841 Broadway, comprising elegant reception parlors, and the largest and best fitted operating rooms in the business. The firm have here introduced every modern appliance in any way conducing to increased efficiency; the walls of the studio are hung with germs of their art, open at all times of the day for free inspection. The best families have all their pictures taken here, the general opinion being that Messrs. Pach Brothers, are *masters of their art* and strangers visiting the city and wishing to obtain a first class photograph should sit here and secure pictures of recognized superiority and excellence. This is the main establishment; the firm, however, have opened branches to meet the public demand in the fashionable social centre of West Point, N. Y., Long Branch, N. J., Ocean Grove, N. J., Princeton, N. J., Cambridge, Williamstown, Amherst and Wellesley, Mass.; New Haven and Middletown, Conn.; Hanover, N. H., and Easton, Pa. These are the seats of the great universities and colleges, and where Messrs. Pach take all the class pictures, affording absolute satisfaction. Every face comes out clear, distinct and lifelike and these class pictures are preserved in thousands of homes, reviving bygone memo-

ries of those who will *never*, in all probability, ever meet as a collective whole again.

CHRISTOPHER CLARK, Truck and Wagon Manufacturer, Nos. 723 and 725 Washington Street.—Among those who have acquired a reputation for fine work in the manufacture of trucks and wagons on the west side of the city may be mentioned the name of Christopher Clark, who ranks among the foremost exponents of the art in this section of the metropolis. The work turned out in this establishment is first class in every feature—in design, construction, ease of motion, finish and general excellence,—the proprietor devoting close personal supervision over all branches of the business, while he receives an extensive and flourishing patronage. Mr. Clark, who is a gentleman in the full prime of life, but active and vigorous, was born in Ireland, and has resided in this country since 1853. He is a practical and thoroughly skilled mechanic himself, with fully forty years experience in the exercise of his art, being a man of push and energy as well as skill. Mr. Clark started in business on his own account hereabout in 1867, and soon established himself in public favor and prosperity. The shop occupies a 25x100 foot floor, and basement of equal area, and is supplied with ample and complete facilities, while from ten to fifteen expert workmen are regularly employed. Trucks and wagons of every size, style and variety are built in the most superior and reliable manner, while repairing of all kinds likewise is promptly and satisfactorily attended to, and the trade, which is large and prosperous, extends throughout the city and suburbs.

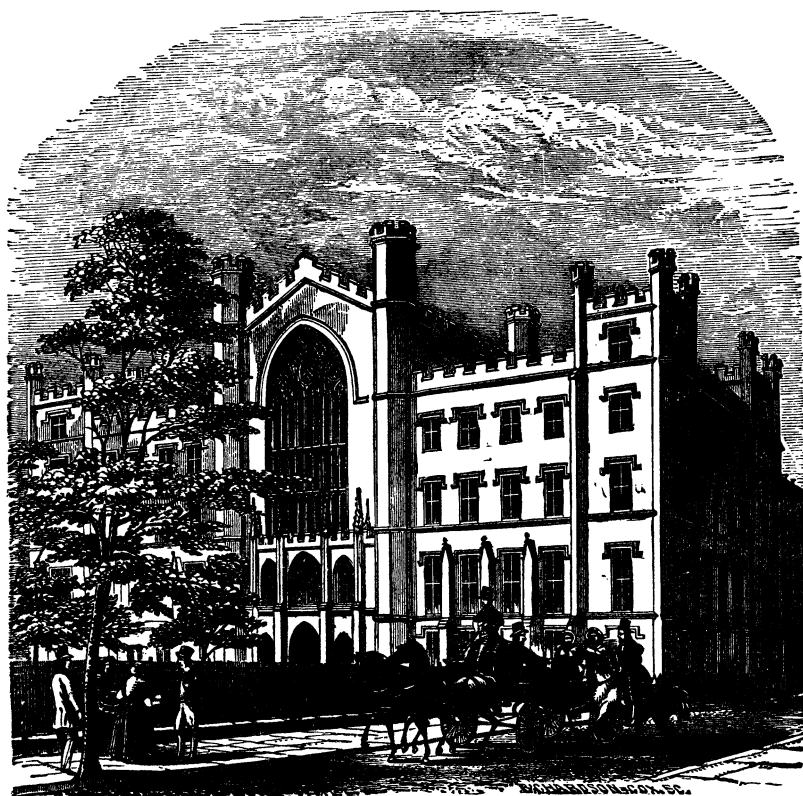
G. & L. SCHMIDT, Manufacturers of the Most Improved Steam, Vacuum, Blast, Hydraulic and Water-tank Gauges, No. 216 Centre Street.—At this address the Messrs. Schmidt are carrying on an extensive business as manufacturers of the most improved steam, vacuum, blast, hydraulic and water-tank gauges, and their long experience in this vocation, extending over a period of twenty-five years, enables them to secure the most perfect production attainable. The business of this concern was founded in 1860, by Messrs. A. Schmidt & Bros., and was successfully conducted by them until 1886, when Mr. A. Schmidt’s death occurred, and the business has since been continued by the two surviving brothers, Messrs. Gustav and Ludwig Schmidt. The works are equipped in the most perfect manner with all necessary machinery, operated by steam power, and every appliance and convenience is at hand to facilitate the operations carried on here, while constant employment is afforded a corps of skilled workmen. While a leading specialty is made of the manufacture of gauges, indicating counters, etc., and the repairing of the same, the firm also execute machine work of all kinds in a prompt and efficient manner. They are sole owners and manufacturers of Schmidt & Christ’s Patent Automatic Pressure Regulator, a new invention, patented September 6, 1887, which is the best device of the kind that has ever appeared, and it is well worthy the attention of the trade.

D. W. HAYNES & CO., Real Estate. Factories and Water-fronts a Specialty, No. 271 Broadway.—The leading representative of the branch of the real estate business, devoted to the purchase, sale, and leasing of factories and water-fronts and business properties, is that of Messrs. D. W. Haynes & Co., No. 271 Broadway. Mr. Haynes is possessed of the highest qualifications for the discharge of the duties devolving upon him, and has always at the command of his customers by far the largest and most desirable lists of properties in the above lines to be found anywhere. Since establishing in business, in 1866, Mr. Haynes has carried through to a successful issue many important transactions. He has a personal knowledge of all desirable locations in the city and vicinity adapted for industrial and commercial pursuits and always has the most important and complete lists of vacant factories, with or without machinery, for sale or to let. He also makes a specialty of docks, bulkheads, and vacant lots on East, North, and Harlem Rivers, and importers and exporters of coal, lumber, stone, and other dealers in coarse freights, steamboat and vessel agents seeking water-front accommodation, will secure what they want, and in the most eligible locations through Messrs. Haynes & Co. Personally, Mr. Haynes is a native of this city, and his reputation for uniform fair dealing and careful attention to the wants of customers has made his house a very popular one.

CHARLES LOVIBOND, Manufacturer and Importer of Walking Canes, Umbrella and Parasol Sticks, etc., Nos. 161-165 Franklin Street.—This business was established in 1879 by Mr. E. Bjerrum, who was succeeded in 1883 by Lovibond & Co. Eventually, in 1887, Mr. Charles Lovibond became sole proprietor. He occupies commodious premises, which are fully equipped with all the latest improved appliances and apparatus known to the trade, and is constantly designing something original and attractive, while his prices are lower than those of other contemporary houses. Mr. Lovibond manufactures and imports extensively walking canes, umbrella and parasol sticks, also natural sticks of every description. In regard to canes, a reporter for this review learned from Mr. Lovibond that sticks, imported chiefly from Africa, are largely used, a specialty being made of canes from olive wood, which are very handsome in appearance, and are made up in ten or twelve different shapes. Some are made perfectly plain and some with the bark on. English thorns, filberts, ash, silver and brown hazels are also in much demand, which can also be said of those made from the sweet-scented weichsel

sun umbrellas. In this business the stock of canes is mostly made up from November to March, and from then until June the parasol sticks have to be fashioned, the factory being kept running the balance of the year on umbrella sticks and walking canes. The trade of this popular house now extends throughout all sections of the United States and Canada. Mr. Lovibond makes a specialty of mounting walking canes in gold and silver, and has always in stock 1000 different designs. He is a native of England. The cable address of the house is "Gidarrest," New York.

JOHAN HARRIS, Butcher, Nos. 40 and 48 Washington Market.—The trade in meat products as conducted in Washington Market is one highly creditable to the metropolis. Here are located men identified with the trade for scores of years, and still pursuing their calling with the vigor and intensity of youth. The oldest enterprise in this market in its line is that now conducted by Mr. John Harris, of stalls Nos. 40 and 48. His father founded the business here fifty-eight years ago (in 1830), and he conducted it for a



New York University.

which comes from Austria. In fact there is nothing in fine goods which does not find a ready sale, the people having become educated up to a point which requires a fine class of goods to meet their views. Natural sticks are in great demand now, and there are none in the market equal to those made by this house, a specialty being made of this feature of the business. In relation to woods for canes, Mr. Lovibond said that in the future he thought that many of the native woods would be used in this country, as in the North and South there are many kinds of woods growing which look very pretty when made up into sticks, and some are being bought direct from farmers now and made up by his house, although of course the great majority are made from imported woods. New designs have to be gotten out very often to keep a leading place in the trade, and this applies to umbrella and parasol sticks as well as to canes. Natural sticks, with and without bark, heads of animals in ebony and box-wood, rings, and many new designs have been brought out for parasol sticks and

period of forty-eight years, when death called him hence and he was succeeded by his son, the present proprietor, who was born and reared in the business. Mr. Harris brings a life's experience in the trade to bear upon his enterprise, which is conducted on the strict lines of promptitude, liberality, and integrity. His stalls are models of neatness and order, and are equipped with all necessary facilities for conducting a first-class business on an extensive scale, and this is done. An extensive stock is always carried of lamb, veal, beef, and mutton, and the sales are of both a wholesale and retail character. The trade extends throughout the city and vicinity. Family orders are promptly and satisfactorily filled, and particular attention is paid to supplying hotels, steamers, and restaurants. Orders by mail are invited and they are filled without delay at the lowest market rates, delivery being free in all parts of the city. Mr. Harris has deservedly earned his high reputation by a rigid devotion to strict financial integrity.

INNIS & CO., Manufacturers, Importers, and Dealers in Dye-woods, Dyestuffs and Chemicals, etc., No. 120 William Street.—The city of New York has long been recognized as the principal trade centre of the United States, for dye-woods, chemicals, etc., and as our country has increased in wealth, population and prosperity this branch of mercantile activity has grown in importance so that to-day, we find it one of our leading and valuable industries. The oldest and representative house in the country engaged in this useful business is that of Messrs. Innis & Co., whose office and salesrooms in the metropolis are located at No. 120 William Street. The dye-wood works of the firm, which are among the largest and best equipped in America, and furnish constant employment to one hundred and twenty operatives, are situated in Poughkeepsie, N. Y. This business was established in 1816 by Nathan Gifford, who was succeeded by Gifford Sheman, & Innis. Eventually, in 1885, the firm of Innis & Co. succeeded to the management, the copartners being Messrs. Hasbrouck and W. R. Innis. The firm are manufacturers, importers, and dealers in all kinds of dye-woods, dyestuffs, chemicals; also extract of Logwood, etc. The trade of this reliable firm extends throughout all the principal cities and towns of the United States, and large quantities of its dyestuffs, chemicals, and other specialties are exported to Canada, Mexico, the West Indies, Central and South America, and Europe. Messrs. Hasbrouck and W. R. Innis are both natives of Poughkeepsie, and are highly regarded in mercantile circles for their enterprise, business capacity, and just methods. In conclusion it may be stated that the equitable manner in which the business is conducted, as well as the superiority of the stock, are sufficiently obvious guarantees why dealers and large buyers would do well in placing their orders with this successful establishment.

WILLIAM H. COHEN & CO., Packers of First-class Hermetically-sealed Goods, Nos. 229 and 231 Washington Street.—There are few industries that have had a more rapid growth or attained such vast proportions within recent years as the canning of all kinds of edibles for preservation after their season of growth or ripeness has gone by. No house in the country is better known in this particular branch of commerce than the firm of William H. Cohen & Co., packers of first-class hermetically-sealed goods, with stores at Nos. 229 and 231 Washington Street, and factories at Matawan, N. J., Camden, N. Y., and Yonkers, N. Y. The firm was organized in 1844, under the firm style of J. McCollick & Co., of which Mr. Cohen was the junior partner. In 1863 Mr. Cohen, together with Mr. S. Lichtenstein, who is to-day one of the oldest wholesale produce merchants in the State, and whose stores are at Nos. 81 and 83 Barclay Street, succeeded the old firm, and have since continued together. The house is the pioneer in this line of business. They deal in all kinds of canned goods, fruits, vegetables, sardines, salmon, and fish of all kinds, and everything that can be preserved. Jellies of every description are canned or put up in jars from one to five pounds in weight. Flavoring extracts, too, have occupied the attention of the firm, and they are among the largest manufacturers of this great article of trade. The business of the firm reaches to all sections of the country and is of great volume. From one hundred and fifty to two hundred hands are employed in the different departments of their various factories and ten indoor and travelling salesmen are required to cope with the wants of customers. The business is exclusively wholesale and orders are promptly and satisfactorily filled.

DR. W. H. TUTT, Proprietor of Tutt's Standard Preparations, No. 44 Murray Street.—"Tutt's Liver Pills" have been extensively advertised in newspapers and on almost every wooden and stone fence in the country; and they have undoubtedly been used by hundreds of thousands of the population with positive and appreciated benefit. Dr. Tutt was born in Georgia, sixty years ago, and in 1845 began business as a physician. In the course of a long practice he for many years held the position of demonstrator of anatomy in one of the best medical colleges in the United States, and for twenty-five years made a special study of the liver and kidneys, the most important organs of the body. In the treatment of liver disorders he successfully prescribed the extract of a certain plant that is a perfect substitute for calomel, and which possesses all the virtues of that mineral without any of its deleterious effects. At length he decided to put this remedy up in such a form as to place it within the reach of all sufferers at small cost, and Tutt's popular Liver Pills were the outcome. Dr. Tutt at first selected only the

South for their sale, where they were used by almost everybody even the best physicians prescribing them. The demand upon his resources became such as to render it necessary for him to remove his laboratory to the metropolis, in order that he might secure larger facilities for manufacturing. To-day Tutt's Liver Pills are in use in every civilized country in the world. In liver affections, dizziness, headache, costiveness, dyspepsia, fevers of all kinds, dysentery, flatulence, heartburn, eruptions of the skin, nervousness, bilious colic, loss of appetite, and all the troubles of the bowels, their curative effects are marvellous. Provided the great organs of the body are not irreparably injured, there are few diseases that Tutt's pills will not cure. They concentrate the vitality of the system. The liver, the spleen, the heart, and the kidneys are brought into harmonious action, and health, long life, and vigor of mind and body follow their use. The first dose often astonishes the patient. Dr. Tutt's sarsaparilla is a powerful blood-purifier, makes sound flesh, strong nerves, vigorous brain, and hard muscle. It is universally conceded that the Sarsaparilla and Stillingia, or Queen's Delight, possess more power for the eradication of diseases that centre in the blood than any remedial agents known to materia medica. In the preparation of Tutt's Sarsaparilla and Queen's Delight, not only are all the virtues of these two roots produced in a most concentrated form, but other valuable agents are combined with it, such as pepsissiva, mezeron, sassafras, greybeard, etc., forming the most potent alterative and blood-purifier known to medical science. Being free from minerals, it is adapted to general use. The old and young may use it. The most delicate female, may take it at any time. The enfeebled will gain strength from it. It changes the grossest, roughest skin to one soft and fair. The tender infant, who may have inherited disease, can take it and be entirely cured. Another valuable production of Dr. Tutt is Tutt's Expectorant, an agreeable aromatic extract of Arabic gums, tropical plants and roots which have a specific influence on the pulmonary organs. It cleanses the lungs of all impurities, strengthens them when enfeebled by disease, invigorates the circulation of the blood, and braces the nervous system. Slight colds often end in consumption. It is dangerous to neglect them. Apply the remedy promptly. A test of twenty years warrants the assertion that no remedy has ever been found that is as prompt in its effects as Tutt's Expectorant. A single dose raises the phlegm, subdues inflammation, and its use speedily cures the most obstinate cough. A pleasant cordial, children take it readily. For croup it is invaluable, and should be in every family. Dr. Tutt is also the proprietor of a hair-dye, an elegant preparation for imparting a natural black or brown color to the hair without injury to the hair or health. These preparations are manufactured at Dr. Tutt's extensive laboratory, No. 44 Murray Street, and are to be obtained at the store of any respectable druggist on the American continent.

A. CONDELL, Manufacturer of Condell's Improved Lifelike Artificial Legs and Arms, etc., No. 841 Broadway.—A reliable and successful house in New York actively engaged in the manufacture of lifelike artificial legs and arms is that of Mr. A. Condell. Mr. Condell is a manufacturer of extensive experience, and has received a liberal and influential support, and is considered one of the most practical and expert artificial-limb manufacturers in the United States. Mr. Condell's artificial legs and arms are constructed on principles different from all others. These artificial arms are the only ones yet invented in which the wearer has perfect control in the flexing or extension of the elbow-joint. The hand is operated by the motion of the stump, so that various articles can be readily picked up and held for use, such as a knife, fork, cup, or goblet. His artificial leg is so devised that, owing to the peculiar construction of the joints and the arrangement of the tendons and spring, etc., the wearer is enabled to walk naturally, easily, and rapidly with perfect security, as the limb is under the absolute control of the wearer in any position. These splendid artificial arms and legs have been supplied to hundreds of officers and men in the United States army and navy, giving every satisfaction to our disabled veterans. At the Centennial Exposition Condell's artificial legs and arms received the highest awards. Mr. Condell was born in Canada, but has resided in the United States for the last thirty-five years. All orders are promptly and carefully filled for all kinds of artificial legs and arms, at the lowest possible prices, and persons residing at a distance can be supplied from the measurement and a plaster-of-Paris cast of the stump.

WESTCHESTER PICKLE WORKS, Alart & McGuire, Proprs. Manufacturers of Pickles, Vinegar, and Catsup, Nos. 68 and 70 Madison Street; Factories and Pickle Houses—New York, Sing Sing and Dobbs Ferry, New York. —The largest and most important enterprise of its kind in New York are the Westchester Pickle Works, conducted under the enterprising proprietorship of Messrs. Alart & McGuire, at Nos. 68 and 70 Madison Street. This firm enjoy a national reputation as extensive manufacturers of and wholesale dealers in pickles, vinegar, and catsup, and have been established in the business here since 1868. They operate large and finely-equipped factories and pickle houses in New York, Sing Sing, and Dobbs Ferry, and are also widely known as importers and bottlers of sauerkraut, pickles, onions, and cauliflowers for the trade. The fine building occupied by them on Madison Street is four stories high, 50x125 feet in dimensions, and equipped with a full complement of machinery and appliances requisite for the business, operated by steam power, while everything tending to facilitate and perfect production is added as soon as it appears. One hundred skilled and expert hands are constantly employed, and every modern facility is at hand to insure the prompt and satisfactory fulfillment of all orders. Nothing but the best materials are used, and the processes employed assure the best possible results. It has been the steady policy of the management to maintain the highest standard of perfection, and in every department the most rigid inspection is exercised in order that nothing inferior may enter into their composition. As a result, the house has a splendid reputation for uniform excellence of goods, and they command a decided preference among dealers throughout the whole United States. The demands upon the resources of the house are so heavy as to necessitate the carrying of an immense stock, while the fine facilities and influential connections possessed by the firm enable them to grant advantages to patrons, in the way of liberal terms and prices, that are rarely obtained elsewhere. The members of this responsible firm are Messrs. Peter Alart and James F. McGuire, the former a native of this city, the latter of Orange County, New York, and gentlemen of reputation and standing in the trade, whose pronounced success in their special field of enterprise stamps them as business men of ability, judgment, and sagacity, and serves to place them in the front rank as manufacturers, and insures their continued prosperity and increasing popularity.

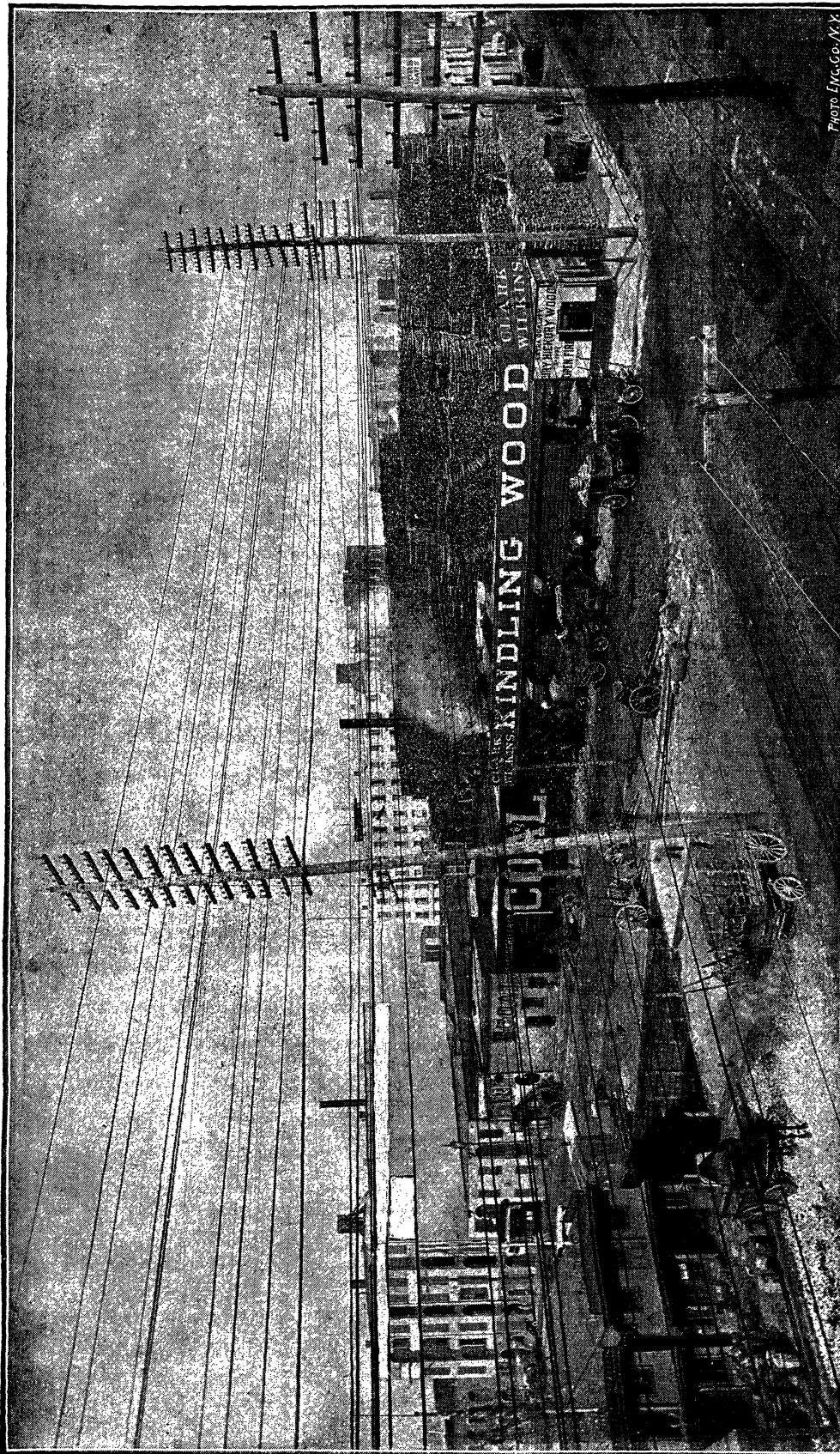
MAX AMS, Manufacturer of Fruit Preserves, Packer of Pickled Fish and Caviar, Nos. 372 to 374 Greenwich Street.—A representative and widely-known house largely engaged in New York in the manufacture of fruit preserves and the packing of pickled fish and caviar is that of Mr. Max Ams, whose office and factory are located at Nos. 372 and 374 Greenwich Street. This business was established in 1870 by Mr. Ams, who brings great practical experience to bear in the manufacture of fruit jellies, preserves, etc., and is fully conversant with every detail of this business and the requirements of patrons. The premises occupied comprise a commodious four-story building 50x110 feet in dimensions, fully equipped with all the latest improved apparatus, appliances, and machinery known to the trade. Sixty experienced operatives are employed in the various departments, sixteen delivery wagons are in use, and the trade of the house now extends throughout New York, New Jersey, Pennsylvania, the Eastern and especially the Western States. Mr. Ams manufactures extensively fruit butter, preserves, jellies, syrups, mince-meat, pickles, sauces, etc. He likewise packs smoked and pickled eels in jelly, pickled and marinée herrings, Russian sardines, bickings, etc. Mr. Ams is patentee of canned caviar warranted to keep, and deals wholesale in fresh sturgeon and caviar. He is the owner of large freezers and ice-houses, and a fertilizer factory in the State of New Jersey. He sold over 800 tons of fresh and frozen sturgeon the past season. His jellies, preserves, and fruit butters are staples with the trade, and his pickled fish and caviar are unrivalled for quality and excellence. Representative in this growing and important business, he offers substantial inducements in goods and prices to the grocery trade, and he can be cordially commended to the attention of our readers.

CALEB HALEY & Co., Wholesale Commission Dealers in and Shippers of All Kinds of Fresh Fish, No. 14 Fulton Market.—Prominent among the leading wholesale fish-merchants of New York are Messrs. Caleb Haley & Co. of No. 14 Fulton Market. The importance of this branch of commerce is universally recognized.

Skill, enterprise, and energy are requisite to permanent success in this line, and in all these essential qualifications Messrs. Caleb and Seabury N. Haley stand second to none. The large business conducted by them dates back to 1859, when it was started upon a comparatively small scale by Messrs. Crocker & Haley. Their tradegrew rapidly, owing to the substantial inducements offered. In 1872, Mr. Caleb Haley, upon the retirement of Mr. Crocker, took his brother, Mr. Seabury N. Haley, into copartnership under the present title. Their progress has been steady and creditable, and they have ever pursued a worthy policy of prompt and honorable treatment with all. They are among the most popular wholesale commission dealers and shippers of all kinds of fresh fish. Their connections are direct with the leading fishermen, both in local waters and east and south; and they are among the first in the market, with everything seasonable and desirable the year round. They have all facilities for receiving and handling cargoes of fresh fish, including large floats, packing and shipping accommodations, etc., and give personal supervision to the filling of all orders. The Messrs. Haley were born in Connecticut, and have had vast practical experience in the trade, Mr. Caleb Haley's dating back thirty-three years, and Mr. S. N. Haley's twenty-four years. Their connections are influential and widespread, including among their customers, as they do, leading fishmongers of this city, and dealers all over the Middle and Northern States. They are authorities in the market, merchants of integrity, and abundantly worthy of the large measure of success achieved.

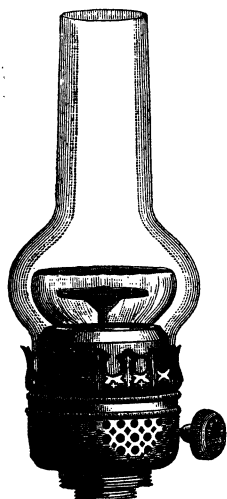
S. B. MILLER & CO., Wholesale Commission Fish Dealers, No. 7 Fulton Market.—Prominent among the old-established and representative firms of wholesale commission fish-dealers in the metropolis is that of Messrs. S. B. Miller & Co., whose office and stall are located at No. 7 Fulton Market. This business was established in 1846 by Mr. Samuel B. Miller, who conducted it till January, 1888, when he admitted his son Mr. Clarence G. Miller into partnership, under the firm-name of S. B. Miller & Co. The firm handle extensively all kinds of ocean and fresh-water fish, the latter being received from the lakes on the northern frontier. The principal varieties dealt in comprise mackerel, cod, halibut, haddock, herring, trout, salmon, and white-fish. Messrs. S. B. Miller & Co. have twelve cars for storing fish in the basement slip at rear of the market, and are in possession of every convenience for promptly filling orders. They own and likewise control a number of fishing-boats, and as they handle only carefully selected stock are prepared to offer advantages and qualities to buyers, very difficult to be secured elsewhere, while their prices are always regulated by the market. The trade of the house extends throughout New York and the neighboring States, and is steadily increasing, owing to the reliability and superiority of the stock handled. Messrs. Samuel B. and C. G. Miller are natives of Long Island, the latter being born in Brooklyn. They are highly regarded in trade circles for their promptness, enterprise, and just methods, and their success in the wholesale commission fish business of the city is as substantial as it is well merited.

W. M. H. GODFREY, Manufacturer of Machine-cut Corks, Life Preservers, etc., No. 51 Fulton Street.—Cork is principally obtained from Spain and Portugal and is the outer bark of the Cork-tree, a species of oak, which grows luxuriantly in the above-named countries. It is much used on account of its lightness for life preservers, floats, buoys, etc. A reliable and progressive house in New York, actively engaged in the manufacture of machine-cut corks and corkwood specialties, is that of Mr. Wm. H. Godfrey, whose office and salesrooms are situated at No. 51 Fulton Street. This business, which is both wholesale and retail, was established by Mr. Godfrey in 1873, since which period he has built up a liberal and permanent patronage not only in New York, but in the neighboring cities. Mr. Godfrey's factory is at 94 Quay Street, Brooklyn. The factory is fully supplied with the latest improved cork-cutting machinery and appliances, and employment is given in the different departments to thirty skilled operators. Mr. Godfrey manufactures largely, machine cut corks of every description, life preservers, rings and buoys, which are unrivalled for quality, utility, and uniform excellence, and have no superiors in this city or elsewhere, while the prices quoted for them are lower than those of other contemporary houses. All orders are promptly and carefully filled. Mr. Godfrey is a native of New York. He is a man of energy, enterprise, and just principles, whose future success and prosperity are well assured.



CLARK & WILKINS, Dealer in Kindling Wood, Hickory Wood for Open Fires, Virginia Pine Knots, North Carolina Lightwood, Virginia Pine, Oak, and Hickory Wood by the Cargo. West Street corner West Eleventh Street.—The city of New York has in its majestic growth developed many large houses in the staple branches of trade, which are alike creditable to the owners and to the metropolis which has benefited so much by their existence. The firm of Messrs. Clark & Wilkins are of the above-mentioned character. The individual members of the firm are Mr. George M. Clark, and Mr. Hartwell A. Wilkins, both of whom are natives of this city. They organized their partnership in 1870, and from its inception the enterprise has been attended by a continuous, increasing success, the result of a rigid adherence to honorable business methods, and prompt service in meeting the wants of patrons. The firm are probably the most extensive dealers in the city in kindling wood and hickory wood for open fires. They occupy, on the corner of West Street and West Eleventh Street, very spacious premises, together with a connecting yard 100x100 feet in dimensions. The yard is crowded with Virginia pine, oak, and hickory lumber, and the workshops are equipped with the most recently improved steam-power machinery for sawing and splitting wood in any desired size for kindling and open fire purposes. About thirty experienced and competent workmen are permanently engaged, and a number of teams are employed in the filling of orders in all parts of the city and vicinity. The firm own and control large tracts of timber land in Virginia and North Carolina, and the lumber therefrom is brought to this city in their own vessels. They have thus every facility for supplying the trade and consumers at terms that cannot be successfully competed with by any other concern in the business. The office of the firm is connected by telephone, the call being "560, 21st," and all orders are filled promptly and with exactitude. The concern is a very desirable one with which to form business relations, since all dealings are characterized by economy and probity.

THE NEW YORK BRASS COMPANY, Manufacturers of the Royal Argand Burner, for Oil; also Royal Argand Burner for Gas; Lamps, Fixtures, etc., No. 1A Barclay Street, Nos. 51 and 53 Dearborn Street, Chicago, and No. 8 Snow Hill, London, Eng.—The grandest achievement in the use of petroleum for illuminating purposes is the perfection and introduction to the public of the



Royal Argand Burner, which has no equal for purity, brilliancy, and economy, its 65-candle power light being more than five times that of ordinary first-class burners. The New York Brass Company was duly incorporated in 1887, and those in charge of the manufacturing department have a wide range of practical experience, and perfected facilities as well as influential connections. In the perfection and introduction of their Royal Argand Burners they have conferred an appreciated boon on the public at large. Here are a few of the numerous advantages of the "Royal," and which commend it so strongly to the trade and consumers: It fits all standard collars and can be used on any ordinary lamp; it is absolutely non-explosive and perfectly safe; the wick needs no trimming, can be put in readily, and lasts for months. The strong light of this burner is a pure white, steady, without flicker, making the light of any other burner look dim and yellow. An automatic extin-

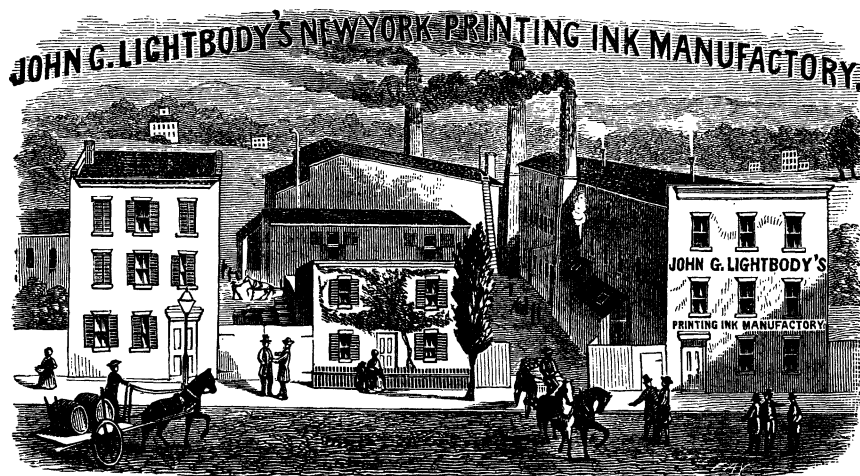
guisher obviates the necessity of blowing out the light; there is positively no smoke or smell. It is the only light by which one can sew on dark or black cloth at night as easily as in daylight, rendering it indispensable in household and workroom. In proportion to light given it consumes the least oil of any lamp in the market; the wick and flame being circular, there is equal expansion and contraction all around the chimney, which should prevent breaking from heat, this alone saving the price of burner in avoidance of breakage of chimneys. These and many other devices are fully protected by letters patent in the United States and other principal countries of the world, and the Royal Argand is truly Royal in the way it is superseding the legion of inferior dim and foul-smelling burners that have been sold to a long-suffering public. The company also manufacture a Royal Argand Burner for gas, which, beside being the only burner that will produce a satisfactory light from natural gas as well as all manufactured gases, it burns gas made from gasoline machines perfectly and gives light equal to four ordinary argand burners (and which is of wonderful brilliancy and steadiness), thereby producing four times as much light as any other burner in consuming the same amount of gas. This marvellous result has been obtained by the application of newly-discovered scientific principles in its construction, giving better combustion of gas, consequently better light and greater economy in the consumption of gas. At the company's handsome salesroom in Barclay Street can always be found a full stock of these burners; also full lines of ornamental brass, bronze, and decorated porcelain lamp-bowls. As jobbers and wholesale dealers in lamp-goods and fixtures the company offers substantial inducements, and is a leading representative in one of the most vitally important branches of trade.

JOHAN R. CRUM, Custom Shirt Maker, No. 84 Nassau Street.—Perhaps in no article of male attire is it more difficult to render entire satisfaction to patrons than in dress shirts. To combine the elements of fit, finish, neatness, and durability in these useful and indispensable garments, and to attain these desiderata at a minimum of cost, so that the products may be placed at popular prices, calls for the exercise of the highest development of the art and judgment of the chemist. And in connection with the foregoing remarks it may not appear invidious to make special mention in this review of John R. Crum, the popular and well-known custom-shirt maker of No. 84 Nassau Street, who enjoys a deservedly high reputation for reliability and skill in his line. The garments produced in this establishment are first class in every feature of merit—in cut, comfort, finish, fabric, and appearances, and for general excellence are probably not surpassed by any goods of the kind made in New York to-day. Mr. Crum, who is a young man of pleasing

manners and strict probity, was born in this State, but has resided in the city several years. Being a man of push and enterprise, as well as skill and thorough experience, he established himself in business here in 1882, and soon won his way to public favor and patronage. The business premises are spacious and neatly fitted up, and upward of fifty expert hands are employed, while a very large and elegant assortment of fine dress shirts is constantly carried in stock, custom-work, however, being the specialty; and, altogether, Mr. Crum has an extensive and influential city and suburban trade.

F. A. KENNEDY COMPANY, Fine Crackers and Biscuit; Depot and Export Department, No. 122 Chambers Street.—One of the largest and most successful houses in the United States, actively engaged in the manufacture of fine crackers and biscuit, is that of the F. A. Kennedy Company, whose New York depot and export department are located at No. 122 Chambers Street. This business was established in 1839, and eventually was duly incorporated with ample capital in 1885. The officers of the company, who are highly esteemed in commercial circles for their enterprise, skill and just methods, are the following, viz: F. A. Kennedy, President; J. W. Hazen, Secretary and Treasurer; H. Thomas, New York Manager. The factories of the company are located at Cambridgeport, Mass., and Chicago, Ill., and the other branch houses are located in Philadelphia, Pa.; Washington, D. C.; Buffalo, N. Y.; Galveston, Texas; Minneapolis, Minn. The F. A. Kennedy Company employs in the various departments of its business many hundred operators, salesmen, assistants, etc., and its trade extends throughout all sections of the United States, while large quantities of its famous fine crackers and biscuits are exported to Canada, Mexico, Central and South America, and the West Indies. The list of crackers and biscuit of this noted company is the most complete ever offered to the trade and public, including soda, milk, lemon, ginger, farina, oyster, and other staple brands, tea biscuits, graham and oatmeal wafers, champions, ginger and vanilla snaps, etc. All the goods of this reliable house are unrivalled for quality, purity, reliability and uniform excellence, by those of any other first-class firm in this country or Europe, while the prices quoted for them are extremely moderate.—The facilities and resources of this house are such that the largest orders can be promptly filled, an advantage that the trade is quick to appreciate. In conclusion it may be stated that the affairs of the F. A. Kennedy Co. are placed in able and competent hands, and it worthily maintains a leading position in this important industry, reflecting the greatest credit on all concerned.

CHAS. A. WAY & CO., Manufacturers of Solid Sole Leather and Patent Raw-hide Axle Washers, No. 85 Centre Street.—Prominent among the representative manufacturers of the metropolis is the firm of Chas. A. Way & Co., who have a national reputation as manufacturers of solid sole leather and patent raw-hide axle washers, and dealers in rubber and wire anti-rattlers, whip sockets, etc., and whose establishment is located at No. 85 Centre Street. This enterprise was established in 1879, and has become an important factor in the manufacturing and commercial activity of the community. The manufacturing department is equipped with new and improved machinery, operated by steam-power, and steady employment is given to ten skilled and experienced workmen. In the manufacture of axle washers of the most approved pattern, this firm are recognized as excelling all competitors, having a thorough knowledge of every detail of the business and the requirements of the trade, and are eminently popular and successful in meeting all its demands. Special sizes of washers are cut to order, and all operations in this department are conducted under the most favorable conditions, guaranteeing satisfaction to patrons in all cases. The salesrooms are filled with a complete and desirable stock of goods in this line, and the connections of the house with the best sources of supply are of the most intimate and influential character, enabling it to command exceptional advantages as regards superiority of goods and liberality of terms and prices, which are freely shared with patrons and materially contribute to the popularity of the house with dealers everywhere. The goods go to all parts of the United States and Canadas, and are in large and increasing demand on account of their stability and merit. The firm is composed of Mrs. Chas. A. Way and Mr. W. I. Bartholomew, who are held in high esteem in this city and by the trade for their thorough, reliable, and sound business methods.



JOHAN G. LIGHTBODY & CO., Printing Ink Manufacturers, No. 24 Beekman Street.—In the manufacture of printing inks, the greatest improvements have been made during the past few years, and the quality has been raised to a high standard of excellence. Among the many manufacturers of printing inks in New York no one stands higher than the reliable and representative house of John G. Lightbody & Co., whose office and salesroom are located at 24 Beekman Street. This business was established in 1840 by John G. Lightbody, who conducted it till 1875 when he died, after a long and successful career. He was succeeded by his son-in-law, Mr. J. Lewis Leib, who is now conducting the business under the firm name of John G. Lightbody & Co. The factory, which is fully equipped with the latest improved machinery and apparatus, is at No. 540 West Thirty-third Street. Here fifty experienced workmen are employed, and the machinery is driven by steam power. Mr. Leib manufactures largely news, book, job and all grades of fine black printing inks, which are absolutely unsurpassed for quality and uniform excellence by those of any other contemporary house. These inks are general favorites with the trade wherever introduced, and are not only made for ordinary printing, but also for the higher grades of work and will always be found to run smooth and even, and to give entire satisfaction. Mr. Leib fills all orders promptly at the lowest possible prices, and his trade now not only extends throughout all sections of the United States, but large quantities of these splendid inks are exported to Canada, the West Indies, Mexico, Central and South America. Mr. Leib was born in Philadelphia, but has resided in New York for the last forty years. He is highly regarded in business circles for his enterprise and integrity, and as a manufacturer of the higher grades of printing inks, it is conceded that he has no superior, and but few equals in the entire trade.

C. S. PARSONS & SONS, Wholesale Dealers in Boots and Shoes, No. 19 Warren Street.—It is almost marvellous to contemplate the magnitude which the manufacture of and wholesale trade in boots and shoes have attained in this country, when compared to the limit to which they were circumscribed a quarter of a century ago. A prominent house engaged in the distribution to retail dealers of the products of the principal shoe factories of the East is that of Messrs. C. S. Parsons & Sons, of No. 19 Warren Street, in this city. This concern had its beginning in 1837, when the business was founded by the late Mr. C. S. Parsons. In 1861 he admitted into partnership his sons, Mr. C. S. Parsons, Jr., and J. H. Parsons, and at different times his two other sons, Messrs. H. C. and Edward Parsons. The two latter were born in New York and the former in Massachusetts. In 1885 the founder died and the business has since been conducted under the old firm style by his sons, who were born and reared in the business. The premises occupied are very commodious and comprise a substantial brick building, containing five floors and basement, and measuring 75x100 feet. The premises throughout are admirably fitted up and appropriately arranged for the business. A very extensive stock of boots and shoes of all grades is carried, and an extensive and brisk trade is done, the transactions of the house necessitating the permanent

employment of from fifteen to twenty assistants, and a force of traveling salesmen who represent the firm in every section of the country. The goods handled by this house are selected with great care and excellent judgment, and dealers everywhere have learned by experience that Messrs. C. S. Parsons & Sons is one of the most reliable houses in the boot and shoe trade, and that the house makes no representations that are not fulfilled in every particular.

R. McNAMEE & CO., Miners and Shippers of South Carolina Clay, for fine China. Office, 234 and 235 Broadway.—Messrs. R. McNamee & Co., have opened up for the use of potteries and manufacturers of fine china, inexhaustible beds of the choicest white South Carolina Clay, which the severest tests of analysts and experts demonstrate to be fully the equal of the choicest European clays, both as regards purity, chemical elements and adaptability to the highest order of decorative art. The firm is composed of Mr. Richard McNamee and Mr. J. G. Gardener, both gentlemen being business men of ability and integrity, who bring to bear ample resources and every facility for the mining of this clay upon the most extensive scale. Their lands, owned by them and underlaid with a thick bed of this splendid china clay, are 3000 acres in extent and lie near the Savannah River, affording the most perfect and economical transportation facilities. Their organization is the most perfect and largest of its kind in the United States. They own their own sawmills, manufacture their own casks from lumber cut on the property, and employ upward of two hundred hands in the mines and mills. The proprietors are both natives of New York City and have made it their permanent headquarters. Samples of their clays and resultant products can be seen at their office, Nos. 234 and 235 Broadway, and we advise all interested to call and investigate for themselves. The firm have now been established in business for sixteen years and sell their products to all the leading potteries and paper mills of the United States. In fact so highly esteemed is it in the manufacture of manilla and colored papers, that the United States Government, in giving their contracts for yellow envelopes, expressly stipulate that ten per cent of the material shall be their clay.

HISCOX & CO., Pharmaceutical and Manufacturing Chemists, Floreston Cologne, Parker's Ginger Tonic, etc., No. 163 William Street.—The reliable and successful house of Messrs. Hiscox & Co., was established twelve years ago, by Mr. David Hiscox, who is an able and thoroughly qualified chemist, and brings great experience to bear, coupled with an intimate knowledge of every detail of the business and its requirements. The premises occupied comprise, beside spacious work and storage room, a laboratory fully equipped with all modern appliances and apparatus necessary for the successful prosecution of the business. Mr. Hiscox makes a specialty of manufacturing Floreston Cologne, Parker's Ginger Tonic, Parker's Hair Balsam, and Hindercorns. The trade is wholesale and extends not only throughout all sections of the United States, but likewise to Canada, Mexico, the West Indies, and South America. Mr. Hiscox was born in New Jersey, and is well deserving of the substantial success he is achieving.

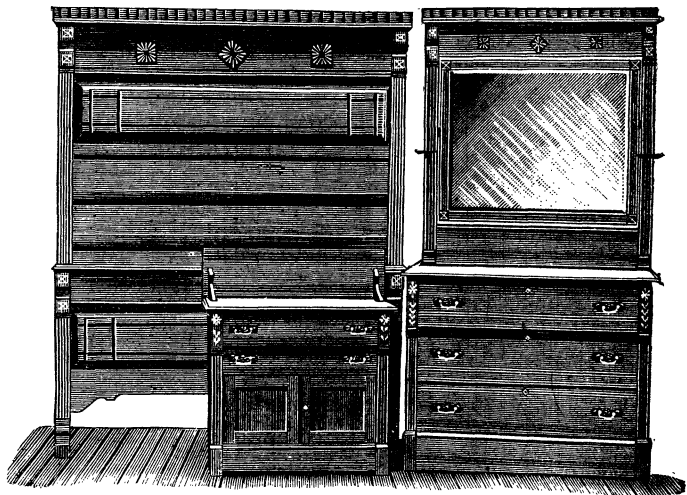
THE SPEER N. J. WINE COMPANY, Mount Prospect Vineyards, Passaic, N. J., New York Salesroom, No. 16 Warren Street.—The vineyard interests have been too long neglected in the United States, and Americans hardly yet seem aware that right at their own doors is a concern engaged in the production of absolutely pure wines upon the most extensive scale. We allude to The Speer N. J. Wine Company, proprietors of the celebrated Mount Prospect Vineyards, situated near Passaic, N. J. It is now thirty years since Mr. A. Speer laid out his estate as a vineyard, introducing the choicest varieties of young vines from the banks of the Douro in Portugal, where the finest old ports were made, and bestowing the most careful supervision to the development of the first large vineyard in this section. With him it was a labor of love, and he invested large capital, with the result that there are now fifty-six acres of vineyard at Mount Prospect, vigorous and thrifty, while there are large and substantial presses and vaults for the storage of the grape juice. Three years ago the important interests involved were vested in a joint-stock corporation, under the most appropriate title of The N. J. Wine Company, which annually handles hundreds of tons of grapes, and produces an average of 40,000 gallons of pure wine yearly. A specialty is made of pure port grape wine, made from the fruit of the famous Douro Valley vine, of which Mr. Speer imported thousands of cuttings for his vineyards years ago. The Speer port wine is the absolutely pure juice of the grape from these vines, brought to a suitable age, and is the most vitalizing tonic known to the medical profession. It is strongly recommended to invalids and all who desire a mild, rich, and nourishing beverage, fully the equal of the most costly imported ports as to quality, and guaranteed absolutely pure, which it would be difficult to assert of the many foreign brands that are dealt in in the United States. The company deals at wholesale and retail in ports, Burgundies, etc., all of its own product; also a famous "communion wine" for church use, nothing but the pure unfermented juice of the grape. To all interested in the use of pure native-grown wine, we suggest a call at the company's salesroom, No. 16 Warren Street, where a large stock is always carried, and is sold at remarkably reasonable prices. Mr. A. Speer, the president, and Mr. W. H. Speer, the secretary and treasurer of the company, are to be congratulated upon the large measure of success attending their ably-directed efforts.

J. L. GRANBERY, Manufacturer of Imitation Onyx Jewelry, Importer of Coral, Nos. 5 and 7 Maiden Lane.—The trade represented by the house of J. L. Granbery is second to no other of its class which may fairly claim to combine with mechanical skill the richest embellishments of art. Mr. Granbery inaugurated his enterprise in 1879 at his present address, Nos. 5 and 7 Maiden Lane, and through his expert knowledge of his profession and his liberal progressive policy he has developed an extensive trade as a manufacturer and wholesale dealer in imitation onyx jewelry, pins, bracelets, chains, earrings, collar buttons, scarf pins, etc., and is a direct importer of coral. His list of permanent customers include many of the leading dealers throughout the United States. The premises utilized for his purposes are fitted up in the most appropriate manner, the salesroom being finely appointed, while the mechanical department is equipped with the finest appliances and implements peculiar to this branch of industry, and employment is furnished a staff of skilled workmen. A large stock is constantly kept on hand, the goods being made of the most carefully-selected materials, and they are unexcelled for originality of patterns, fineness of finish, and general superiority. Mr. Granbery is prepared to meet all the wants of the trade in the most expeditious and satisfactory manner, while all his representations may be depended upon to be exactly as represented.

FISCHER MILLS—B. Fischer & Co., Importers and Jobbers of Teas, Coffees, and Spices, Nos. 325 and 327 Greenwich Street, and Nos. 183, 185, and 187 Duane Street.—This business was founded in 1861 by Mr. B. Fischer, and early became noted throughout the trade. Rapid, solid growth ever characterized it, and in 1872 the firm of B. Fischer & Co. was organized, the copartnership now comprising Mr. B. Fischer, Mr. G. R. Lansing, Mr. T. H. Benedict, Mr. E. Roloff, and Mr. C. E. Diefenthaler, who are favorably known from Maine to Florida, and the title is a veritable trademark. The mills and accompanying warehouses comprise the extensive and prominent premises, Nos. 325, 327, and 329 Greenwich Street,

and Nos. 183, 185, and 187 Duane Street. The mills are the most perfectly equipped of any in existence both for coffees and spices. The coffee-roasting department has all the modern improvements, and has enormous capacity, employing a large force of hands. The firm are importers and jobbers of every grade of the choicest and purest teas, coffees, and spices, etc. With direct connections at home and abroad, and having ample resources, the firm offers substantial inducements to the trade both as to price and quality, and their goods are found always reliable, and on sale in the leading majority of grocery-houses throughout New York city and country. A prominent specialty is made of fine coffees. The choicest of Mocha, Java, Maracaibo, Costa Rica, Rios, etc., are handled and roasted here by the thousands of bags, and the best quotations on fine coffees, teas, and spices can always be obtained here. Mr. Fischer is undoubtedly the pioneer in this line, and his firm have the most extensive resources, and are the largest dealers in their line of enterprise.

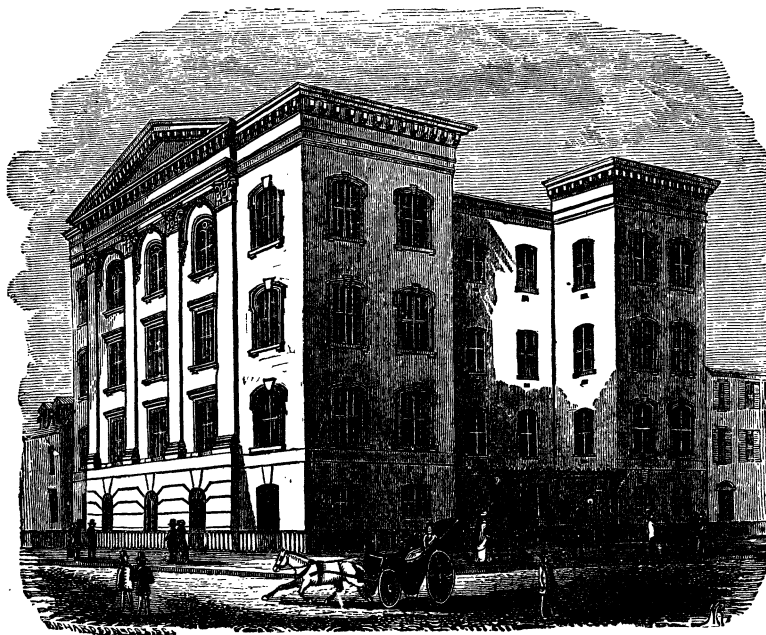
AMBROSE E. BARNES & BROTHER, Furniture, Nos. 198 and 200 Canal Street.—There is no doubt that the furniture business of New York, in its various departments, presents a field for the exercise of business enterprise second to no other commercial industry, and that the energy displayed by the merchants engaged in it has done much toward developing the commercial importance of the metropolis. One of the oldest, best known, and most extensive establishments of the kind is that of Messrs. Ambrose E. Barnes & Bro., located at Nos. 198 and 200 Canal Street. This house was originally founded in 1840 by Mr. Ambrose W. Barnes, and continued by him until 1870, when he was succeeded by the present proprietors, Messrs. Ambrose E. and Walter F. Barnes. The career of the concern has been one of steady, uninterrupted development, and under the present management the house has been advanced to the foremost position it now occupies. The extensive premises occupied consist of two spacious buildings, each having six commodious floors



and basements, and equipped with every modern appliance and convenience to facilitate the prosecution of business. These mammoth warehouses are filled to their utmost capacity with an immense stock, comprising a most comprehensive stock of furniture of every description, both in cheap and high-priced grades, all of the most reliable manufacture, and representing the finest productions of the kind now obtainable in the market. The goods are marked at such prices as to give the highest value in every sale effected, and customers can rely upon all representations made them by the proprietors and their efficient staff of assistants. The trade of the house extends to all sections of New York and the surrounding States, and also throughout the Southern States, while their export trade with South and Central America, the West Indies and Australia, is constantly on the increase. The Messrs. Barnes are natives of this city, and are too well-known in connection with the furniture trade to require personal comments at our hands. In conclusion, however, we may say that the house is founded upon a policy at once just and liberal to all, and is well deserving of the prosperity which it enjoys.

MORSE'S NOVELTY WORKS, Cyrus B. Morse, M. E., Manufacturers of Models, Mechanical Movements, Electrical and Experimental Devices, Wood and Metal Patterns, etc., Dense Cast Metal for all Purposes, Nos. 13, 15, and 17 Franklin Street.—Mr. Cyrus B. Morse, M. E., proprietor of "Morse's Novelty Works," takes rank by general consent among the foremost exponents of mechanical engineering in the metropolis to-day; being a mechanical engineer, inventor, and patent expert of over forty years' practical and successful experience. Among the more notable of his successes in the latter direction may be mentioned the Morse process of densing and fining of metals (a new discovery), which is destined to effect a complete revolution in cast metal, densing and fining the metal and greatly increasing the strength and solidity of cast metals, as shown by tests, cannot fail to command public attention. Years of labor, accompanied with great expense in experimenting to cast metal sound and clean, has resulted in the discovery of a cheap, simple method that changes the porous mass of fluid metal into a soft crystal structure of uniform density. No skill, expense, or change is required for its use. The Morse dense cast-steel hollow

examine the new improved method of densing and fining cast metals without extra labor or expense; this practical progress in the art of treating cast metals being heretofore utterly unknown. Dense castings are furnished for all purposes at short notice. Pattern work of all descriptions, for dense castings, done in a skilful manner. It has been demonstrated by daily use that dense cast metal is superior to all other metals for stamping and forming dies, moulds, machinery, railroad, and rapid transit supplies, and all other purposes. Mr. Morse was born in Massachusetts, of Puritan stock, and settled in Rhinebeck, N. Y., in 1840, where he devoted himself to his profession up to 1880, when he moved to the metropolis and three years subsequently established the flourishing enterprise whose name heads this sketch. New inventions are developed and put in working order, the proprietor exercising close personal supervision over every feature and detail of the business. In short, everything comprehended in mechanical engineering and kindred branches are executed in the highest style of the art at reasonable rates. The works are spacious and commodious, with ample and excellent facilities, and are equipped with the latest improved machinery and general appurtenances, while



1860—Half-orphan Asylum.

ingots for gun forgings, car axles, locomotive tire, gun-barrels, cylinder linings, boiler flues, elevated roads, and other purposes (at greatly reduced cost and of a superior quality), were tested by Paul Dahlgren, C. E. Among American engineers Col. John A. Roebling, Capt. Jas. B. Eads, Gen. Edward W. Serrell, and others have carefully examined and indorsed the Morse process in the production of seamless steel tubing, etc. Writing on the subject Capt. Eads said: "The regularity of the moduli of elasticity is excellent. They will be required for various purposes. The larger the sizes you are able to make, the more valuable they will prove." Gen. Serrell, in writing upon the subject, said: "I am of opinion that if these tubes were regularly in the market there would be, very soon, a large demand for them. They are so strong, so light and stiff, that they must come into use." Col. Roebling frequently expressed his desire to use them in constructing the bridge over the East River between the cities of New York and Brooklyn. This was impracticable at the time, in consequence of the inability of Mr. Morse to furnish it of proper size and in sufficient quantities. The "Morse" process of densing and fining cast metals as fine as hammered steel is now in daily use, any degree of density and fining being obtainable to suit the work the castings are required for; samples, with reference and tests, promptly furnished on application, while all persons interested are invited to

a corps of expert mechanics are employed. This establishment has an exceedingly fine patronage.

THOMAS F. MURRAY, Undertaker, No. 154 East Twenty-ninth Street.—One among the best known of the prominent undertakers up town is Mr. Thomas F. Murray, whose office and warerooms are located at No. 154 East 29th Street, adjoining St. Stephen's church. Mr. Murray, who is a young man, has had an experience in this special calling, extending over eighteen years, and has been established in his present place since 1886. He is peculiarly fitted for the duties connected with his vocation, and has achieved an enviable reputation as being one of the most careful and considerate in the city. He is also a practical embalmer in all its branches. He furnishes coffins, caskets, robes, and hearses and carriages, and takes full charge of the direction and management of funerals in a manner to the entire satisfaction of bereaved relatives and friends. Mr. Murray, who was born in the city, has always been very popular in the community, and is regarded as one of the most thorough and efficient gentlemen engaged in the avocation. He has horses and coaches to let at all hours, and is prompt in his attention to orders either by mail or telegraph.

THE UNION STOVE WORKS, Manufacturers of Stoves, Ranges, Heaters, and Furnaces; Foundries, Peekskill; Warehouse, No. 70 Beekman Street.—There is no more influential, typical representative of the American stove industry than the Union Stove Works of this city. The development of the business of this great corporation has had few parallels in the trade, largely due to the impressive fact that its officers are practical stove founders, know what the public want, and are enabled to supply the same by reason of their vast resources and magnificent facilities. This industry is one of the oldest established in the United States, dating back to 1834. The important interests involved were duly capitalized in 1860, under the existing corporate title, and the concern has continued to lead in enterprise and every feature of excellence in stoves and ranges. Its officers are as follows: Mr. U. Hill, Jr., president; Mr. R. R. Finch, vice-president; and Mr. P. B. Acker, secretary and treasurer. Their qualifications are of the highest order, and they unite vast experience with sound judgment, fine executive abilities, and progressive enterprise and energy. Their foundries are advantageously located at Peekskill, and form a series of substantial buildings, fitted up with the most improved machinery, moulding floors, cupolas, etc., and affording employment to upward of 300 hands. The capacity of the works is enormous, melting scores of tons of iron a day, and turning out hundreds of stoves, heaters, and ranges weekly. The company controls the most popular patterns of stoves on the market; its officers have solved the most difficult problems involved, and have introduced exclusive improvements, insuring the greatest heating power upon the lowest consumption of fuel, coupled with convenience, durability, and beauty. These stoves are all of heavy castings, fitted, trimmed, and finished in the most complete and handsome manner, and recognized by the trade to be the best sellers and to give the most perfect satisfaction of any on the market. The company's ranges, both portable and for setting in the fireplace, are also models and best adapted (as long experience has demonstrated) to the exacting requirements of families in all circumstances. Their line of ranges for French flats and apartment houses is the most extensive in the trade. The sales of these are annually enlarging; also, of their popular fireplace heaters and hot-air furnaces, which embody the great principles of perfect ventilation, thorough combustion, ease of management, and magnificent heating capacity, and are in satisfactory use in many of the finest residences in the land. The warehouse of the works is situated centrally at No. 70 Beekman Street, a six-story and basement building, connected with a large double building, Nos. 66 and 68 Gold Street, in the form of an "L," the ground dimensions of both of which equal 200 feet. Here is at all times carried a heavy stock of the company's product, including repairs and its splendid line of hollow-ware. Substantial inducements are offered to the trade, both as to price and quality, and the proprietors have developed trade relations that practically cover the world, they being among the leading American exporters of stoves and hollow-ware. Messrs. Hill, Finch & Acker are to be congratulated upon the marked success attending their ably-directed efforts, and faithfully discharge the onerous duties devolving upon them in the executive management of such a great and valued enterprise.

MOSSES CORSON, Oysters and Clams, Boat No. 17, Foot of West Tenth Street, North River.—The dealing in oysters and clams is attended with much responsibility, and it requires those who understand both the nature of the oyster and the feeling of the market to handle these most delicious of shell-fish with any degree of success. One of the most prominent and popular dealers in this city is Mr. Moses Corson, who is located at boat No. 17, foot of West Tenth Street, North River. The business was originally established in 1858 by Mr. Garrett D. Post, the present proprietor succeeding to the control in 1876. He occupies a three-story boat, 25x73 feet in dimensions, and conducts an extensive and widely-extended business as a wholesale dealer and shipper of oysters and clams, sending them to all parts of the United States, besides enjoying a large and influential local trade. He carries in stock a splendid assortment of these shell-fish, handling only the choicest and the best, and guaranteeing the prompt and perfect fulfillment of all orders at the very lowest market prices, while the substantial inducements he offers to his customers are rarely duplicated elsewhere, and serve to increase his popularity and assure his continued success and permanent prosperity. In all ways he is to be commended as a merchant who has won an enviable position by a strict adherence to

legitimate dealing and honest business transactions. Mr. Corson was born in Richmond County, N. Y., and was trained in this line of business from his youth up. He is still in the prime of life, of high standing in this city, and eminently popular with the trade.

MORGAN BROTHERS, Planters, Packers, and Wholesale Dealers in Oysters and Clams, Boat No. 3, Foot of Charles Street, North River.—A recognized leader in the wholesale oyster trade in New York is the house of Messrs. Morgan Brothers. This firm are widely prominent as planters, packers, and wholesale dealers in oysters and clams, and have been established in the business here since 1872. They occupy a three-story boat, 25x73 feet in dimensions, and are prepared to supply the trade at all times with can, count, shell, and solid-meat oysters at the lowest cash prices, making a leading specialty of the finest grade of goods known to the trade. The proprietors, Messrs. W. F. and O. A. Morgan, are thoroughly experienced in the business, trained and skilled therein from their youth, and are personally known for their integrity of character. They have left no stone unturned that would augment their trade or increase their prestige and popularity, which are already great and firmly established. They deal only in the choicest of bivalves, and parties ordering from them may rely upon receiving a fresh and delicious article. Their trade is large, first-class, and influential in the Western States and the Canadas, necessitating the assistance of some thirty hands in its transaction. They ship by can mostly, carrying a fine, fresh stock at all times, and guaranteeing the prompt and satisfactory fulfillment of all orders. As dealers and shippers this firm are thoroughly reliable and responsible, and have won for themselves golden opinions from all who have had business relations with them. Their resources are ample and abundant, their facilities for procuring supplies of the most perfect character, while the substantial inducements they offer to the trade are rarely duplicated elsewhere. The Messrs. Morgan are in the prime of life, and of excellent repute and standing in the social and business circles of the city.

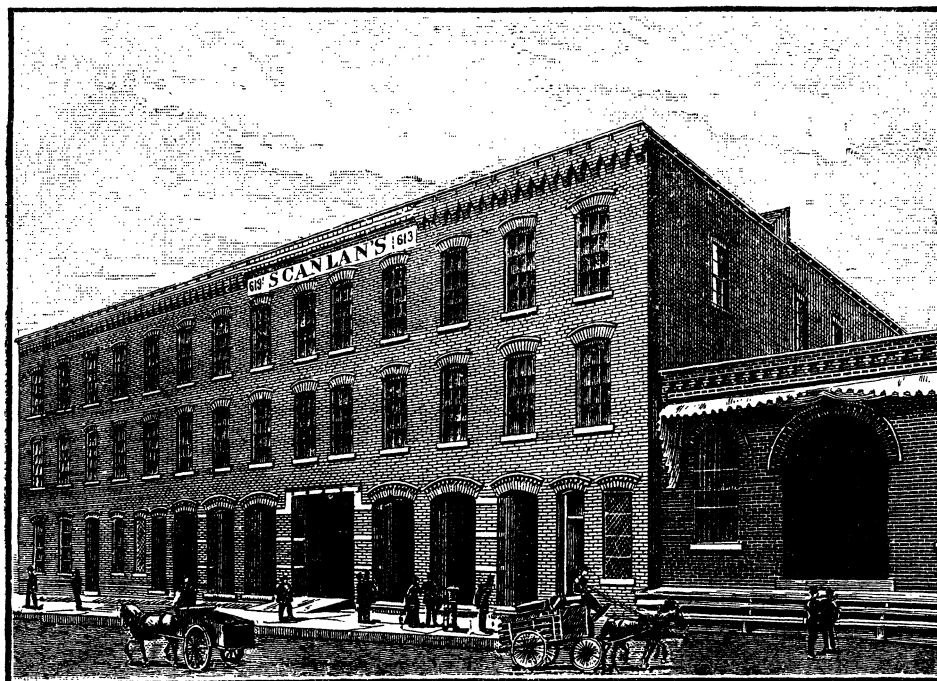
MAHLER BROTHERS, Importers and Dealers in Men's Furnishings, Nos. 505 and 507 Sixth Avenue.—One of the most flourishing business houses on Sixth Avenue is that of the Mahler Bros., importers and dealers of furnishings, Messrs. L. and M. S. Mahler, the copartners, have been associated since 1866, and by enterprise and energy and being liberal and honorable in their dealings have established a large and substantial business. The premises, comprising two stores adjoining each other, have combined dimensions of 50x50 feet, and are admirably arranged and neatly fitted up, and provided with every convenience for the purposes of the business carried on, which embraces ladies' and gentlemen's furnishing goods and the manufacture of shirts and ladies' underwear. The store is very attractive, and with the four handsome show-windows forms one of the most conspicuous features of the thoroughfare on which it is located. The facilities of the firm for producing the best goods are not surpassed. The very best skilled work-people are employed, and all goods turned out will bear the most critical examination and inspection. The very best inducements are offered the patrons and the public by Messrs. Mahler Bros., who are in a position to compete favorably with all legitimate competition. Both these gentlemen are native New Yorkers.

WILEY'S Cooperage, Nos. 600 to 608 West Thirty-ninth Street, and Nos. 487 to 493 Eleventh Avenue.—This enterprise had its beginning in 1863, when it was founded by the late Mr. John Wiley, who was a native of Ireland, and who died in 1870, since which time it has been conducted by his son, Mr. G. Wiley. The premises occupied comprise a two-story brick building, 600x100 feet in dimensions. This is equipped with the best mechanical appliances known to the trade. A large force of skilled workmen is employed, and a very large stock of materials is kept on hand. Barrels known to the trade as "loose barrels" are manufactured here for provisions, flour, sugar, coffee, spices, etc.; and the repairing and making-over of provision-casks form a specialty with the concern. New barrel-shooks for foreign shipment are also a specialty. The firm have a large city trade connection, and the facilities of the establishment for promptly executing all orders satisfactorily, in point of materials, workmanship, and prices, are not excelled by those of any rival house.



M. GALLY, Inventor, Manufacturer, and Dealer in Novel Musical Specialties, Printing Presses, etc., No. 95 Nassau Street, corner of Fulton. Cable address "Ferbasin."—That the really automatic age of the idealist is as yet a bare possibility of the far future must be believed, but the remarkable productions of recent years in the inventive line give rise to speculations that that dreamt-of age may, some time, arrive. Recent times have seen some remarkable inventions in musical instruments, but none that are more worthy of attention than those invented by Mr. M. Gally, a native of Western New York, whose place of business is at No. 95 Nassau Street, this city. For many years Mr. Gally gave deep study to the devising of an automatic system of actuating musical instruments which would give a musical result, that is, music with *expression*, phrasing and accentuation, as if rendered by a human performer. After much effort success at last crowned his industry, and as a result we have what are now known as orchestrone. These wonderful instruments are all self-playing, no skill or knowledge of music being necessary for the perfect and complete rendering of all classes of music. They are made to sell at prices ranging from \$15 to \$300, as

follows: Jubal Orchestrone, \$15; Bijou, \$25; style 44A, \$100; style 44C, \$125; style 44D, \$175; 44E, automatic and manual combined, \$300. A discount for cash is allowed on these prices. Appended is a cut of style 44E. The instruments are all made of the most carefully-selected material, the construction and workmanship are superb, while the music is prepared in artistic style with automatic expression, these being the only instruments made with this perfecting feature. For a more complete description our readers are referred to Appleton's Annual Cyclopædia for 1885, pages 618 to 621. At Mr. Gally's warerooms can be seen a full stock of the above goods. At this place will also be found the headquarters for his celebrated Universal printing-presses, of which Mr. Gally is the inventor and manufacturer, and in which he has been dealing for a number of years. These presses have a world-wide reputation and for fine or heavy work have no equal. They are popular wherever used, and demand the attention of every printer. Also a superior cutting and creasing press which is unequalled for its special merits. He is at all times pleased to receive visitors or communications, and personally is held in the highest regard for his ability and integrity.



SCANLAN BROTHERS, Wholesale Dealers in Mutton and Lamb, Nos. 613 to 619 West Fortieth Street.—A representative and old-established house in the metropolis, actively engaged in the wholesale butchering business, and of wool-pulling, is that of Scanlan Brothers, whose office and factory are located at Nos. 613 to 619 West Fortieth Street. These gentlemen have had great experience in the wholesale meat trade, this business being established in 1835, since which period they have built up an extensive and permanent patronage in all sections of New York and the neighboring cities. Their slaughtering and wool-pulling establishment is fully supplied with all the latest improved appliances, apparatus, and facilities known to the trade. About 5000 lambs and sheep are slaughtered weekly, and their wool is carefully prepared in this establishment. The firm exercise the greatest care in the selection of their stock and in preparing it for the market, which justifies them in claiming that they offer the trade and large buyers a line of mutton and lamb that cannot be surpassed in this city for quality and excellence. They have a large local trade with retail butchers, and recently they have added to their business the slaughtering of hogs and calves. The firm is composed of the three brothers, Messrs. James, Michael, and Patrick Scanlan, gentlemen who are highly regarded in commercial circles for their sound business principles and just methods, and have gained the confidence of all who have had dealings with them.

GEO. H. SIMPSON, Paper, Card Board, and Cut Cards of every description, No. 194 William Street.—The uses to which paper is applied have been wonderfully multiplied, making the industry one of the first importance in every large community. A popular headquarters in the city of New York for paper card-board and cut cards of every description is the establishment of Mr. George H. Simpson, located at No. 194 William Street near Frankfort. This gentleman has been actively engaged in this line of trade since 1862, and established his present place of business in 1878. A fine warehouse, 25x100 feet in dimensions, is occupied, which is supplied with every convenience for the rapid and satisfactory manipulation of affairs and the storage and preservation of stock. The assortments of paper, cards, and card-boards are so complete, that this house has become a favorite source of supply for both dealers and consumers throughout the city and surrounding country, who rely with confidence on the quality and desirability of the stock. The goods are secured from manufacturers direct, and the field has been cultivated so industriously and by such close attention that most

valuable advantages are enjoyed by the proprietor, enabling him to offer the best productions at the lowest prices known to the market. The stock is maintained at the highest standard of excellence by fresh and frequent invoices, and is well worthy of the serious attention of critical and discriminating buyers, while the reliable and responsible methods that characterize the management of the house commend it particularly to public favor. Mr. Simpson is a native of New York City, and resident of town of Rye, and of high standing in the business and trade circles of the metropolis. His business connections are widespread and influential, his resources are ample and abundant, his facilities are of the most perfect character, and he is thoroughly prepared to guarantee the prompt fulfilment of all orders, and to place all transactions on the most satisfactory footing.

SEED & DENBY, Wool Merchants, No. 83 Reade Street, corner Church Street.—One of the most vitally important branches of wholesale commerce centred in New York is that of the wool trade. Representative among the leading merchants engaged therein is the firm of Messrs. Seed & Denby, with headquarters at No. 83 Reade Street, corner of Church. The business was founded by Mr. John H. Seed in 1868, who early developed a flourishing trade and an influential connection. In 1885 Mr. Seed and Mr. Isaac Denby formed a copartnership, the latter gentleman having been in business upon his own account for ten years previously. Both members of the house are thus widely experienced, while their facilities are unrivalled, having, owning, and operating one of the largest mills in the United States devoted to scouring of wool. It is eligibly located at Paterson, and fully fitted up throughout with the latest improved machinery and appliances, and with an extended capacity. The firm are leading importers of wool from all Mediterranean ports, Bombay, and China, and buy largely at the auctions in Liverpool and London, etc., and are also extensive dealers in Western and Southern wool. Among specialties largely imported by them are camel-hair, camel's-hair tops and noils, white and brown cow-hair, silk noils, etc. Their trade has attained proportions of great magnitude, including among their customers, as they do, leading manufacturers of woollens and worsteds all over the United States. Their facilities are unexcelled, they give entire satisfaction to all with whom they have established relations, and justly merit the success which they have attained by their perseverance, energy, and ability.

F. O. PIERCE & CO., Manufacturers of Paints and Varnishes, etc., No. 169 and 170 Fulton Street.—For all house paints or paints used to cover and protect woodwork and iron, for ship, carriages or sign painting, and for the various purposes to which paint is applied, white lead or white zinc, combined with linseed oil, is the best; boiled oil, litharge, sugar of lead, and spirits of turpentine are likewise added to the different mixtures, to act as driers. In connection with these remarks, special reference is made in this review of the commerce and industries of New York, to the old established and representative house of Messrs. F. O. Pierce & Co., manufacturers of paints and varnishes, whose offices and salesrooms are located at Nos. 169 and 170 Fulton Street. The firm's factory is at Nos. 20 to 36 Tiffany Place, Brooklyn. The factory is admirably equipped with all modern appliances, apparatus, and machinery known to the trade, while employment is given in the various departments to a large number of skilled operatives. This business was established in 1847, by the late Wm. Anderson, who was succeeded by Anderson & Pierce in 1863, who were succeeded by Anderson, Douglas & Pierce and Anderson, Pierce & Co.—Eventually, in 1876, Messrs. F. O. Pierce & Co. assumed the management, and have so continued up to the present time. They manufacture extensively all kinds of dry and ready mixed paints, varnishes, colors, etc., and also deal in painters' supplies generally. The paints and varnishes manufactured by them are unrivalled for quality, reliability, purity, and general excellence, and have no superiors in this or any other market, while the prices quoted in all cases are as low as those of other first-class houses. At the commencement of his business, Mr. Pierce undertook to manufacture only goods of a standard high quality, and has never wavered from that policy, and the result is that his trade now extends throughout all sections of the United States. Mr. Pierce is a native of Massachusetts, but has resided in New York for the last thirty-five years. This house is commended to the trade and public as one in every way worthy of confidence, and business relations entered into with it are certain to prove as pleasant as they must be advantageous and profitable to all concerned.

EDWARD SMITH & CO., Manufacturers of Varnishes and Coach Colors, No. 158 William Street.—Varnish is one of the most important of all the aids to external decoration, and few articles of manufacture have a more varied field of usefulness. Much of interest might be written of its history and mysteries, its manufacture and application, the transformation of the fossil copal gums hidden for ages in tropical sands into the mirror-like lustre upon the coach or piano, and of the progress made in its manufacture during the past half century. In connection with these remarks special reference is made in this review of the commerce and industries of New York to the old established and representative firm of Messrs. Edward Smith & Co., the first to manufacture varnish in the United States, manufacturers of Varnishes and coach colors, whose office and salesrooms are located at No. 158 William Street. This business was established in 1827 by P. B. Smith, who was succeeded by P. B. Smith & Co., Edward Smith, and eventually, in 1867, the present firm succeeded to the management under the style and title of Edward Smith & Co. The factory of the firm which is fully equipped with every appliance and all the latest improved apparatus and machinery, is in Long Island City. The members of this copartnership, Messrs. Chester Huntington, John A. Elmendorf, and Alexander Maitland, bring great practical experience to bear, coupled with an intimate knowledge of every detail of this growing and important industry and the requirements of patrons. The firm manufacture largely all kinds of varnishes, japans, and coach colors, also priming, filling, and rough stuff, which are unequalled for quality, reliability, and uniform excellence, while the prices quoted are lower than those of other contemporary houses. At the commencement of its business this house undertook to make only goods of a standard high quality, and has never wavered from that policy. Mr. Huntington is a son-in-law of Mr. Edward Smith. The partners are all natives of New York State, and are highly esteemed in commercial circles as liberal, honorable, and energetic business men. The trade of the house now extends throughout all sections of the United States and Canada, and is steadily increasing owing to the superiority and utility of its productions, which are general favorites with the trade wherever introduced.



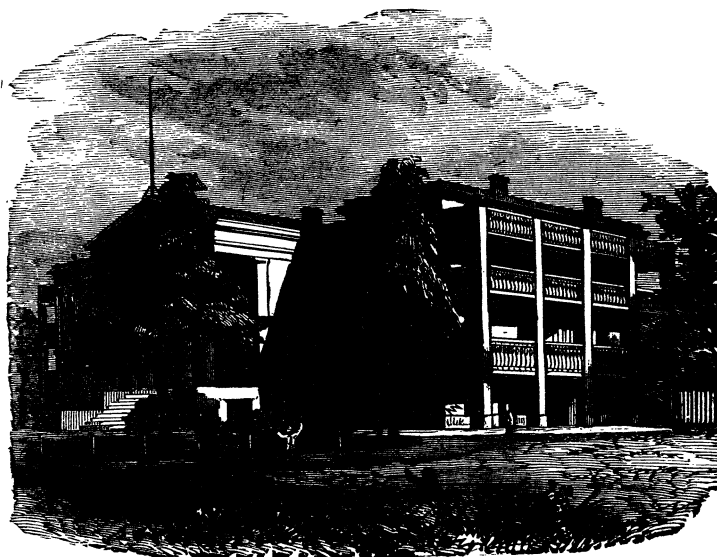
FARJEON & CO., Manufacturers and Importers of Jewelry, Optical Goods, and Jewelers' Supplies, No. 25 John Street.—Prominent among the old established and representative houses engaged in the wholesale and retail trade in jewelry and optical goods, is that of Messrs. Farjeon & Co. This business was founded upward of thirty years ago by Mr. Israel Farjeon. The premises occupied are commodious and attractive, and are fully stocked with a superior assortment of jewelry, optical goods and jewelers' supplies, which are unrivalled by those of any other first-class house in the trade in the United States or Europe; while the prices quoted in all cases are extremely moderate. Mr. Israel Farjeon, who has charge of the optical department, has been engaged for the past forty years in suiting the sight, and understands thoroughly the proper glasses that should be worn. The firm make a specialty of Farjeon's Edith eye-glasses and improved American spectacles, frameless spectacles, spectacles and eye-glasses in gold, silver, steel, rubber, and shell frames. Farjeon's Edith eye-glasses are the lightest, best fitting, neatest and most comfortable eye-glasses in the world, and those who have once used them will not purchase any others. These splendid Edith eye-glasses are also made without any focus and can be worn as a protection from light or dust. The lenses are clean white crystal and while giving a distinguished appearance to the wearer, aid materially in strengthening the sight and can be worn by either a lady or a gentleman. On the receipt of two dollars, a pair of these elegant glasses will be sent free by mail. Mr. Israel Farjeon, who is an expert optician, asserts that there is no reason why those who wear spectacles or eye-glasses should not be made attractive by their use; it simply depends in correctly adjusting and fitting the glass best suited to the countenance of the wearer. Oculists' prescriptions receive careful and prompt attention. Farjeon & Co., number among their customers the patients of the leading members of the profession. They attend promptly and carefully to the repairs of fine watches, and are also New York agents for the Jurgensen mainspring, and the celebrated hand-made silk guard and vest chains. The firm, likewise manufacture to order all kinds of diamond and other jewelry, testimonials, etc., in which they display superior taste, finish, and originality. The manager, Mr. Israel Farjeon, was born in England, but has resided in this country the greater part of his life. It may be mentioned that B. L. Farjeon, the celebrated novelist, is closely related to the firm.

NORDHEIM & DEIMEL Manufacturers of Upholstery Trimmings, Nos. 159 and 161 South Fifth Avenue, formerly 27 and 29 West Twenty-third Street.—A branch of trade of a very meritorious character in New York is that of the manufacture of upholstery trimmings. For many years nearly all these goods were imported from Europe, but latterly through the skill, enterprise, and energy of American manufacturers these specialties are now produced here quite equal, if not superior to the best made abroad. A reliable and progressive firm, actively engaged in this industry in New York, is that of Messrs. Nordheim, Deimel & Co., whose office and factory are located at 159 and 161 South Fifth Avenue, formerly at Nos. 27 and 29 West Twenty-third Street. This business was established in 1878, by Messrs. M. Nordheim and H. Deimel, Mr. J. Wertheimer becoming a member in 1881. They have had great experience in the production of upholstery trimmings, and are fully conversant with every detail and feature of the industry, and the requirements of patrons in all sections of the country. The work-rooms are spacious, and are fully supplied with all the latest improved appliances, looms, and machinery, etc., necessary for the successful prosecution of the business. Forty skilled operatives are employed in the various departments, who turn out largely all descriptions of upholstery trimmings, gimps, tassels, fringes, cords, etc. These goods are unrivalled for elegance, quality of materials, finish, and workmanship by those of any other first-class house in the trade. They are general favorites with upholsterers and the public wherever introduced, while the prices quoted for them are exceedingly moderate. The trade is wholesale, and is steadily increasing. The members of the firm, Messrs. Nordheim, Deimel, and Wertheimer, were born in Germany, but have resided in America the greater part of their lives. They are all highly esteemed by the community as liberal and honorable business men, and their signal success in this useful industry is only the just reward of their skill and enterprise. Mr. Nordheim was born in 1830, and came to America in 1857. Mr. Deimel was born in 1848, and came to America in 1865. Mr. Wertheimer was born in 1848, and came to America in 1869.

J. R. GIBNEY, Glassware, Bottles, Fruit Jars, Tumblers, etc., No. 43 Murray Street.—The metropolis is a recognized centre of every staple branch of wholesale trade, and the remark holds good with a special force as regards the glassware and stoneware trade wherein not only is large capital invested, but the greatest degree of talent and energy by the leading houses. Prominent among the number thus referred to, and also one of the oldest established in the city is that of which Mr. J. R. Gibney is the esteemed proprietor. This business was founded a score of years ago under the firm style of Gibney & Goble, and four years since this partnership was dissolved, Mr. J. R. Gibney then becoming the sole proprietor. From the outset the business has been conducted with remarkable success, the proprietor developing superior connections and a permanent reputation for fair and honorable dealing. During the time Mr. Gibney has had sole control of the business he has fully maintained the high character the house had always previously borne. His large store is eligibly located at No. 43 Murray Street, and comprises three floors each 25x100 feet in dimensions. It is admirably equipped for the business, and contains a full and judiciously assorted stock of glassware, demijohns, bottles, flasks, fruit jars, jelly glasses, goblets, and tumblers. Mr. Gibney manufactures to order moulds and bottles of every description, and he makes a specialty of handling all kinds of bar goods. He has a large patronage in the city and State, and also in the populous suburbs of the

the Mercantile Exchange and the agent in New York for the **T. A. Snider Preserving Co.**, of Cincinnati, Ohio. His trade is entirely wholesale and of very extensive proportions. Among some of Mr. Atwater's specialties we might mention fine preserves, jellies, fruit butters, mince meat, Chili, Bordeaux, and grape sauces, tomato-catsup, salad dressing, relishes, and canned goods of all kinds. A choice stock of creamery and dairy butter together with cheese, eggs, dried fruits, poultry, and game is always kept on hand, while a large trade is carried on in the reliable goods of the **T. A. Snider Preserving Co.** Mr. Atwater is a native of Ohio, but removed from the Buckeye State in 1866, and came to New York, where he has since resided. He is a gentleman who occupies a prominent place in our business circles, where he is esteemed a man of sterling worth and great enterprise.

THOMAS & ECKERSON, Real Estate and Insurance Brokers, Wallack Building, No. 35 West Thirtieth Street, one door east of Broadway.—The remarkable growth of the real estate and insurance business during the past few years has placed it in a position and given it a prominence that is assumed by very few other enterprises in the metropolis. Of those houses that have exerted a considerable influence and obtained an enviable reputation in this department that of Messrs. Thomas & Eckerson, of the Wallack Building, No. 35 West Thirtieth Street, one door east of Broad-



Leake and Watts Orphan Asylum.

metropolis numbering among his permanent customers many of our most successful retailers who find their connections with him to be of the most advantageous character. He has long been an honored member of the commercial circles of New York, and is very popular in social circles also.

J. M. ATWATER, Preserves, Jellies, Sauces, Catsups, Canned Goods, Creamery Butter, etc., No. 83 Warren Street.—For over a score of years the name of Atwater has been associated with the choicest preserves, sauces, jellies, relishes, and canned goods wherewith the epicurean palate is so deliciously tickled. The present house of J. M. Atwater, No. 83 Warren Street, is known all through the city and the United States for the superior excellence and fine flavor of its dainties, and goods included in their line are served on the tables of all the best hotels and restaurants as well as in thousands of private dining-rooms. Established in 1866 the firm was first composed of J. M. and H. E. Atwater, and known as J. M. Atwater & Bro. Since 1879 Mr. J. M. Atwater has been sole proprietor, and the business has been conducted under his name alone. The store, No. 83 Warren Street, is in one of the most desirable locations down town. Mr. Atwater is a member of

way is one of the most popular in New York. The business was founded in 1872 by Mr. William M. Thomas, who is a native of Pennsylvania and a commissioner for the States. In 1879 he formed a partnership with Mr. John C. R. Eckerson who was born in this city and is a notary public. The firm occupy a handsomely fitted-up office, in fact, one of the finest in its line in the city. The walls and ceiling are beautifully frescoed and the floor is tastefully laid with hard wood and tiles. The furnishings are of the finest possible description, and the establishment is the centre of a large business in real estate and insurance matters. The firm are members of the Real Estate Exchange. They buy, sell, exchange, lease, and let real estate of all kinds, collect rents, take entire management of properties, and attend to the negotiation of loans and the investment of funds. The firm likewise carry on an extensive insurance business, being agents for several of the most important and reliable insurance companies in the world. Insurance is effected immediately to any amount on all classes of insurable property at the lowest rates compatible with safety. All losses are promptly paid without litigation—the firm always discharging the important trusts committed to them with great fidelity and to the complete satisfaction of all patrons.

GEO. W. HERBERT, Dealer in Pianos, No. 18 East Seventeenth Street.—The city of New York is the recognized centre of the trade in all kinds of pianos, at prices which defy competition. An old established and reliable house engaged in this important business, is that of Mr. Geo. W. Herbert, whose office and ware-rooms are located at No. 18 East Seventeenth Street. This business was established in 1866 by Mr. Herbert, who has since built up an extensive, influential, and permanent patronage in all sections of the United States. The premises occupied comprise a spacious floor and basement 25x100 feet in dimensions. Here is a splendid assortment of new and second-hand pianos of the best manufacture, including those of Steinway, Chickering, Weber, and other famous makers. The well-known reputation of these instruments has demonstrated beyond question that they are nowhere surpassed for tone, finish, style, or workmanship. Mr. Herbert buys all pianos for cash and in large numbers, consequently he is enabled to offer them to the public at the lowest possible prices. These instruments are sold either for cash or on the installment plan, which latter arrangement allows those of comparatively limited means to acquire these almost indispensable articles on easy terms. He likewise exchanges and rents pianos, and promptly and carefully attends to tuning and repairing. Mr. Herbert was born in Canada, but has resided in the United States for the last thirty-two years. He is considered one of the best judges of pianos in the country, and justly merits the large measure of success achieved by his integrity, enterprise, and industry.

O. W. HEFFER, Photographer, No. 872 Broadway, corner Eighteenth Street.—Perhaps in no branch of industry, science, or art has the march of progress left such notable imprints within recent years as in photography. What with chemical discovery, invention, and improvement, a degree of excellence closely akin to perfection has been reached in this interesting and important sphere of activity during the past decade or so. Among the foremost exponents of the art in this city may be mentioned the name of O. W. Heffer, artist photographer, whose admirably conducted and well-equipped establishment is desirably situated at No. 872 Broadway, corner Eighteenth Street, and who enjoys an A1 reputation for fine work in this line, while his patronage is of a most substantial and flattering character, the pictures leaving this well-known and popular studio being first-class in every respect, in fidelity to original or copy, design, execution, and finish. This flourishing and well-ordered gallery was established originally some thirty odd years ago, and after a number of changes in management, in 1887 came into control of the present proprietor, who has since conducted the business with uniform and gratifying success. The premises occupied, including office, reception parlors, gallery, and operating-rooms, are spacious and commodious, and are handsomely appointed and completely equipped with the latest improved apparatus, devices, and general appurtenances, while from six to ten competent and courteous assistants are in regular attendance. Photography in all its branches is executed in the highest style of the art, crayon, pastel, India ink, oil, and kindred artistic work being done in the most superior and expeditious manner, while popular prices prevail, fine portraits being the specialty, and altogether a very extensive and influential patronage is received. Mr. Heffer, who is a native of England, has been about ten years in the United States. He is a young man of pleasing manners and strict probity as well as a practical and expert photographer, with something like a dozen years' experience in the exercise of this art, and prior to embarking in business on his own account had been with the widely-known firm of A. Bogardus & Co.

MEYER & BREYER, Manufacturers of Paper Boxes, Nos. 132, 134, 136 and 138 Mulberry Street.—One of the largest and most prominent of the houses engaged in manufacturing boxes, is that conducted by Messrs. Meyer & Breyer. This concern was originally founded in 1860 by Mr. G. L. Jaeger, and successfully continued by him until February, 1887, when the present proprietors came into the control. The copartners, Messrs. M. C. Meyer and L. B. Breyer, the former a native of this city, the latter of Philadelphia, have both had great experience in their present line, and possess an intimate knowledge of every detail of the business and the requirements of the trade. The factory covers an area of 90x150 feet, and is admirably complete in all its appointments, being fitted with the most improved steam working machinery and all mod-

ern appliances adapted to this industry, and employment is given in the various departments to a force of over one hundred and fifty hands. Paper boxes of every description, design, and variety are made in immense quantities, and a very heavy stock is at all times carried to meet the wants of the trade, while special orders are filled at the shortest notice. The goods are shipped not only to all parts of the United States, but are also sent in large shipments to Mexico and South America.

LADD & COFFIN, Manufacturers of Lundborg Perfumery, No. 24 Barclay Street.—Perfumery preparations have become a very important auxiliary in our present civilization and society, and no refined individuals consider their toilet complete without the use of some standard perfume or cologne. A representative and old-established house in the metropolis actively engaged in the manufacture of the famous Lundborg perfumery, of which they are the sole proprietors, is that of Messrs. Ladd & Coffin, whose office, salesroom, and laboratory are centrally located at No. 24 Barclay Street. The firm's European depot is situated in the Snow Hill Buildings, London, E. C. This business was established forty years ago, by Lundborg, who conducted it until 1873, when the present proprietors, Messrs. John B. Ladd and Sturgis Coffin, then of Young, Ladd & Coffin, became interested in the management. The premises occupied comprise a spacious and admirably-equipped five-story and basement building, 25x65 feet in dimensions. This firm manufacture the following odors and bouquets: Bouquet de Caroline, Bridal Bouquet, Ess. Bouquet, Frangipanni, Heliotrope, Honeysuckle, Jasmine, Jockey Club, Magnolia, Maréchale, Mignonnette, Millefleurs, Moss Rose, Musk Rose, New Mown Hay, Night Blooming Cereus, Ocean Spray, Orange Flowers, Patchouly, Pond Lily, Rondeletia, Rose Geranium, Spring Flowers, Stephanotis, Sweet Brier, Sweet Pea, Tea Rose, Tuberose, Upper Ten, Verbena, Violet, West End, White Rose. Specialties: Arcadian Pink (Reg.), Fascination (Reg.), Tally-Ho (Reg.), Wood Violet, Ylang Ylang, Musk, Harvest Queen (trademark), Lily of the Valley, Edenia, Maréchal Niel Rose, Alpine Violet, Goya Lily, Rhenish Cologne, and Lavender. These perfumes are unrivalled for purity, quality, fragrance, and uniform excellence, and are now found on the tables of every well-regulated toilet-room. Their sale extends throughout all sections of the United States, while large quantities are exported to the West Indies, Canada, Mexico, Central and South America, Europe, and Australia. All orders are promptly and carefully filled, and the trade of the house is steadily increasing, owing to the superiority and reliability of its productions, which have been received with favor wherever introduced. Messrs. Ladd & Coffin are highly regarded in mercantile circles for their integrity, business capacity, and enterprise, and justly merit the signal success achieved by them in the production of the finest perfumes, etc., yet introduced to the trade and public.

PETER DE BAUN & CO., Printers, No. 156 William Street.—This enterprising concern was organized originally a quarter of a century ago on John and William streets by De Baun & Morgenthaler, and the business was continued there until about ten years ago, when it was removed to Nos. 101 and 103 Fulton Street. One year ago it was removed to their now commodious quarters. In 1888 the firm dissolved, and Peter De Baun continued the business, and took into partnership with him his son, Mr. Charles De Baun, and Mr. Thomas Claydon. The two latter are natives of New York, and Mr. Peter De Baun was born in New Jersey. All the members of the firm have had long experience, and are thoroughly versed in all pertaining to the printing trade. The firm have made many improvements, and increased the facilities, and control a large, substantial business. They occupy the third and fourth floors of the building, and these are thoroughly equipped and provided with every facility for doing all kinds of commercial and general job printing, which is executed with skill in the highest style of the art. The firm have four cylinder and five small presses, operated by steam power, and new fonts of modern styles of type, together with all necessary accessories for the successful prosecution of the business. Everything in the line of printing, from a small business card to a newspaper, is executed here at the shortest notice, and the prices will compare favorably with those of any other well-conducted printing establishment in the city. From twenty-five to thirty hands are employed in the various departments of the business, and the trade of the concern is yearly increasing in volume.

H. V. MANDEVILLE, Manufacturer and Dealer in Sashes, Blinds, Doors, and Trimmings, etc., Nos. 394, 396, and 398 First Avenue.—One of the oldest and most successful establishments engaged in the manufacture of sash, doors, blinds, and general wood-work in this city is that of Mr. H. V. Mandeville, located at Nos. 394, 396, and 398 First Avenue, corner of Twenty-third Street. The business was originally established in 1857 (Mr. Mandeville being in the business ten years previous to this date), by Messrs. Mandeville & Seigler, the present proprietor succeeding to the sole control in 1881. The business premises comprise a fine four-story building, 100x100 feet in dimensions, the appointments of which are of the most finished and convenient character. Each floor is devoted to some particular branch of the work. The outfit of machinery is complete, including every late and valuable invention calculated to promote production. A force of from forty to fifty expert workmen are constantly employed, and all operations are conducted under the personal supervision of the proprietor. The range of manufacture embraces sash, doors, blinds, and trimmings of all kinds for buildings, and a leading specialty is made of store fronts and wash trays. Skilful attention is given to every description of sawing, planing, and turning, and estimates are promptly furnished for any part of the wood-work of buildings; or contracts will be entered into for their erection entire. A very heavy stock of ready-made material is carried, and the house is thus enabled to fill its current orders with promptness and thorough satisfaction. The finest materials are used in every case, and the several stages of completion are guarded with scrupulous vigilance and care. The superiority in finish and artistic workmanship in the specialties of this house has long been recognized in the market, and the proprietor has established himself firmly in the favor of the building fraternity and the general public, by reason of the uniform excellence of his work, the enterprise and reliability of his business methods, and the fairness and equity of his terms and prices. Mr. Mandeville is a native of New Jersey, and known and honored in this city as a leader in his special field of labor, and has won success and prosperity by honestly deserving it.

G. USTAV E. STECHERT, Bookseller and Importer of Works of Foreign Literature, No. 828 Broadway.—The name of Stechert has been long and honorably identified with the mercantile interests of the great metropolis, and the business now conducted upon such an extensive scale by Mr. Gustav E. Stechert is the outcome of a steady adherence to the legitimate principles of trade, coupled with industry, enterprise, and energy. Mr. Stechert founded his business in 1872 at No. 2 Bond Street, where he remained five years and then removed to No. 766 Broadway. Here he remained until 1887, when he removed to his present premises, No. 828 on the same thoroughfare. These premises comprise salesroom and basement, each 25x100 feet in dimensions, and they are appropriately fitted up for the business. Mr. Stechert carries on the book-trade in all its departments, and deals at wholesale and retail in both domestic and foreign publications. Mr. Stechert has branch houses at No. 10 Hospital Street, Leipzig, and at No. 26 King William Street, Strand, London, W. C., and through these houses draws his supplies of foreign works for his New York establishment. All the latest books of merit are to be found in Mr. Stechert's store, and the business is such as to require the services of from eight to ten clerks. The trade of the house extends to all parts of the country, and the transactions are yearly increasing in number. Mr. Stechert, who is a native of Germany, has resided in this country for the past twenty-two years, and he has had thirty-five years' experience in the book-trade. His father was engaged in the same line of trade in Germany. Mr. Stechert has in this city built up a reputation of the highest character for honesty, liberality, and integrity, and he justly merits the large measure of success which has attended his mercantile career.

C. HARLES NELLMAN, Manufacturer of English Mustard, Mustard Cake, and Mustard Oil, No. 204 West Street.—This house was established in 1865, and has built up a large and influential connection both at home and abroad. The premises occupied for manufacturing and sales purposes comprise an entire four-story brick building, 22x100 feet in dimensions, finely fitted up with everything applicable to the business, and everything late and desirable is added as soon as it appears. The proprietor manufactures for the jobbing trade only, and furnishes it with English mus-

tard in bottles or six and ten pound cans, packed with the customers' name thereon, if ordered in quantities to justify, while a specialty is made of mustard cake and mustard oil, furnished in barrels, kegs, and cans. The house has a splendid reputation for these goods, which command a decided preference among dealers. In every department the most rigid inspection is exercised in order that nothing inferior may enter into the composition. Imported goods are also freely handled, and pressing is done for factors. The connections of the house are wide-spread and influential, and the resources and facilities possessed are of the most complete and perfect character. The business extends to the remotest sections of the country. Mr. Nellman is a native of New York State.

J. W. CAMPBELL & SON, Wholesale Commission Dealers and Shippers of all kinds of Fish, No. 17 Fulton Fish Market.—The importance of the wholesale fish trade to New York is generally recognized. The character, resources, and connections of the leading houses engaged in this branch of trade place them far in advance of outside competitors, and their volume of trade both city and shipping is enormous. Among the old established and representative firms thus referred to is that of Messrs. J. W. Campbell & Son, Stall No. 17, Fulton Fish Market. The business was started twenty years ago by Mr. J. W. Campbell, who is considered one of the best authorities in the trade. His wide experience and careful attention to consignments and orders prove extremely valuable to all patrons. Mr. Campbell steadily developed a heavy trade, strictly at wholesale, and in 1885 admitted into copartnership, under the existing firm name and style, his son, Mr. Charles W. Campbell, a young merchant of superior ability and energy, a hard-worker, and universally popular in the trade. He brings to bear fifteen years' experience in the fish business. The firm enjoy first-class facilities, have good shipping and packing accommodation, and own ten floats in the slip, which are required for receipt of the numerous large cargoes weekly received by their own boats, as well as the large consignments from Eastern and Southern fishermen. They employ many hands in the market, and daily fill heavy orders from the leading fishmongers of New York, Brooklyn, etc., and ship by rail to the large cities and towns throughout a wide section of the United States. They handle all fish in season, from cod, halibut, and herring to redsnapper, king-fish, and salmon, and can meet the most exacting requirements. They offer substantial inducements both as to price and quality, and they not only hold all their old customers but are steadily enlarging their volume of trade. Both partners give close attention to the receipt of consignments, effecting speedy disposal of same, and rendering prompt account of sales, and are among the most responsible fish commission merchants in the metropolis, noted far and wide for their honorable methods and sterling integrity, and abundantly worthy of the large measure of success attending their ably-directed efforts.

R. J. WADDELL & CO., Importers and Manufacturers of Glue, Pumice-Stone, Emery, Dry Colors, etc., No. 52 Beekman Street.—The representative and most reliable house in New York, actively engaged in the manufacture and importation of glue, emery, pumice-stone and dry colors, is that of Messrs. R. J. Waddell & Co., whose office and salesrooms are situated at No. 52 Beekman Street. This business was established in 1812 by George W. Whitmore, and was changed in 1861 to Whitmore & Waddell. Eventually, about 1870, the firm changed to R. J. Waddell & Co. Mr. Waddell's Prospect Park Mills are located in Brooklyn. Here forty experienced hands are employed. Mr. Waddell deals largely in glue, pumice-stone, emery, dry colors, and metropolitan flint, sand, and emery-papers, crayons, tripoli, chalk, whitening, etc., which are offered to the trade at the lowest possible prices. Only the best and finest goods are handled, and the trade of the house now extends throughout all sections of the United States and South America, and is steadily increasing, owing to the superiority, quality, and reliability of its various productions. The New York warehouse is a spacious five-story building 30x120 feet in dimensions, fully supplied with every appliance and facility necessary for the successful prosecution of the business. He gives close personal attention to all the details of his business, and is spoken of in the highest terms throughout the trade, as a merchant noted for the exercise of sound business principles and strictly honorable dealings. The firm are agents for houses in England, Scotland, Germany, and Italy.

EDWIN A. HAYES, Manufacturer and Dealer in Steamship, Railroad, Engineers', and Naval Supplies; Office and Sale-store Nos. 262 and 263 West Street.—The leading representative in the highly important trade in steamship, railroad, engineers', and naval supplies, at the port of New York, is recognized to be Mr. Edwin A. Hayes. He is a native of this State, and early in life became identified with marine and engineering interests. Mr. Hayes commenced business in 1863, and early became celebrated for the superiority and reliability of all goods he handled. He has made the closest study of many important branches of the trade with beneficial results. As proprietor of the United States Felt Mill, eligibly located on Staten Island, he manufactures the world-famous patent indestructible hot-air casing for covering marine boilers—the best non-conductor and one of his own invention; also Hayes' Patent Sheet Iron Sectional Boiler Covering. The above coverings are approved by all boiler and steamboat inspectors, are readily removable and are the only American patented appliance used in the navy of Great Britain. Mr. Hayes produces for the trade and consumers all thick-nesses of hair and wool felt, and all kinds of asbestos materials. He is the sole manufacturer of the justly celebrated United States Regulation Cork Life Preservers and Life Rafts, also Hayes' Patent Folding Chairs for steamers, Lubricants for the engines of river steamboats, harbor tugs, and ocean steamships. His "Hudson River Lubricant" is a perfect compound, keeping bearings cool and smooth and is superior to ordinary engine oils or other compounds. An equally popular article is his Hudson River Polishing Fluid for cleansing engine fronts. Mr. Hayes keeps every requisite for the supply of railroads, steamships, and sailing vessels, boat and barge builders, etc. Mr. Hayes is also an author of celebrity, and has published the Engineers Catechism, text and reference book, a perfect guide and authority for marine and stationary engineers. Mr. Hayes makes a specialty of "Hayes' Patent Oil Bag." This bag works automatically through the action of the waves and forces the oil gently through its sides on the surface of the water. The invention has been patented in Great Britain, Germany, France, Belgium, Sweden, Canada, the United States, and in every country where patent laws exist. In a few years we predict it will be in use on all vessels, both steam and sail. For circulars and price-lists of the above invention and all Regulation Life-Saving Appliances, send to the Hayes Manufacturing Co.

PETER A. FRASSE & Co., Importers, Manufacturers and Jobbers of Machinists', Jewelers', and Manufacturers' Supplies, Nos. 95 and 97 Fulton Street.—An establishment that is the oldest of its kind in the State, and which has long been one of the most prominent in the country, having been in existence for almost three-fourths of a century, is that of Messrs. Peter A. Frasse & Co., the widely-known importers, manufacturers, and jobbers of machinists', jewelers', and manufacturers' supplies, whose headquarters are located at Nos. 95 and 97 Fulton Street. This house has done much to advance the material prosperity of the metropolis. The concern dates its inception back to 1816, when it was founded by Mr. Henry F. Frasse (father of Peter A. Frasse), and was continued by him until 1849, when Mr. Peter A. Frasse, became the proprietor. This gentleman brought to bear in his transactions a thorough knowledge of the industry in which he was embarked, coupled with business talent of the highest order, and under his vigorous management the enterprise was carried on with constantly-increasing success. For forty years he continued in the sole control, until, in 1877, he admitted to partnership Mr. John L. Howe, a gentleman possessed of sterling business ability, and widely known in commercial circles. The building utilized for the purposes of the industry has dimensions of 25x100 feet, and is six stories in height. The firm manufacture hand-cut files, letters and figures in sets, blacksmith, hand, and machine screw-taps, stocks and dies, steel-pointed plumb-bobs, polishing heads and stands, file and chisel handles, double and single tracing wheels, F. & H. adjustable saw mandrels, slide rests, eclipse blow pipes, machinists' tool chests, etc., etc. Among the specialties handled by them may be mentioned the following: Stubs' files, tools, and steel; S. J. Addis' London carving tools; Addis' tools, in sets of six and twelve; Grobet's swiss files; Webster & Horsfall's music wire; Vautier & Renard's gravers; Swiss plyers, nippers, etc.; German tools; Hubert's French emery paper; repousse tools; Washita, Arkansas, and Turkey oil stones; Barton's emery paper and cloth; Barton's sand paper. All these goods are noted as being the finest of the kind in the market, and are unexcelled for reliability, utility, and general superiority. Both a wholesale and retail

trade is supplied, a heavy stock being carried to meet the active demand, and all orders are filled on the most equitable and liberal terms.

MARTEN DOSCHER, Celebrated Edge Tools, No. 88 Chambers Street.—Up to within quite a recent date the chief supply of cutlery and edge tools for the civilized world were manufactured in England, but American ingenuity has furnished such improved methods and machinery in the processes of manufacturing these classes of products that the goods now made in this country are not only equal but superior in quality, and much cheaper. Engaged in the manufacture of and in the wholesale trade in edge tools is G. W. Bradley, whose well-appointed salesroom is located at No. 88 Chambers Street. Mr. Bradley established this enterprise fifty years ago, and he has since built up a trade of vast proportions, and one extending to all parts of the Union and even to foreign lands. He has a well-equipped factory in Connecticut, where he employs forty skilled and experienced artisans in the manufacture of a high grade of edge tools. Mr. Doscher is the agent for G. W. Bradley's celebrated edge tools, Brook's bright wire goods, Washita and Hindostan stone, iron rivets, burs, etc., and also manufacturer of superior quality bench planes. A fine sample stock of these goods is shown in the salesroom, and all orders are filled with dispatch and on the most advantageous terms. Mr. Doscher was born in New York. He is practically experienced and gives the business his utmost care and attention, and is conversant with the wants of the trade, for which he furnishes ample supplies of everything in his line of business.

M. LINZ, Manufacturer and Dealer in Looking-glasses, Piers, and Mantels in Gold, Walnut, etc., Nos. 206 and 208 Canal Street.—Among the many noteworthy and flourishing concerns devoted to the manufacture of looking-glasses, etc., may be named the commodious and well-known establishment of M. Linz (late of Linz & Doscher), manufacturer of and dealer in pier and mantel looking-glasses, picture frames, and furniture specialties, whose products are in steady and extensive demand in the trade throughout the country, owing to their general excellence. The business was established in 1865 by the firm of M. Linz, who continued the same up to 1873 when the concern passed into the control of Mr. Linz and Wm. C. Doscher, who conducted the business until 1887 when partnership was dissolved, and Mr. Linz established a new concern located as per above address. The factory occupies a 50x100 foot floor, and is supplied with full steam power and the latest improved machinery and appliances, while upward of twenty to thirty skilled hands are employed. The products include pier and mantel glasses of every size, style, and variety, and in artistic designs and superb workmanship in gold, walnut, etc.; also elegant cornices, moldings, picture frames, and vase tables and frames of every description, a heavy and A1 assortment being constantly carried in stock also, and the trade of the house, which is very large, extends all over the United States. Mr. Linz, who is a gentleman in the full prime of life, active and energetic, was born in Germany, but has lived in this city over forty-five years and is a practical and expert workman.

NOLTE BROTHERS, Paper Boxes, Nos. 486, 488, and 490 Canal Street.—The well-known paper-box manufactory of Nolte Brothers was established by its present proprietors in 1863. From the very outset the enterprise was successful. This was due to the fact that each of the three members of the firm was a practical business man and a thorough master of his trade. During the four years of the firm's existence it has built up a large wholesale trade, and is now recognized as one of the leading houses in its line. All kinds of plain and fancy paper boxes are manufactured. The best materials only are used, the stock being selected with unusual care; and the workmanship of the firm's employees is of the best. Prices will be found as low as those of other houses; indeed, the exceptional facilities enjoyed by the firm frequently enable them to offer unusual bargains. The premises at present occupied by the Nolte Brothers are fitted up with every imaginable necessity for the successful prosecution of a large manufacturing business. The whole of a four-story brick building, 24x80 feet in dimensions, is used, and fifty hands—men, women, and girls—are employed. The business is steadily growing, and the name of the Nolte Bros. is well known to the trade everywhere. Messrs. Louis, Frank, and Fred Nolte are men of unusual business tact.

COUPOON INTRODUCTION COMPANY, Introducers and Promoters of New and Useful Inventions and Novelties. Branches throughout the World. Nos. 39 and 41 Cortlandt Street; F. W. Beardsley, General Manager.—This is truly a progressive age, and new schemes are constantly being devised and put into practical operation for overcoming difficulties that, an age ago, were considered insurmountable. Thousands of inventors of what would have been of great value to the world have gone down to their graves carrying their discoveries with them, and thousands of living inventors have been prevented by the poverty of their pockets from putting upon the market their inventions, for to do this, in this age, needs the expenditure of large capital in labor, judicious advertising, etc. For poor inventors, and even rich inventors, there is a boon, and this is the Coupon Introduction Company, which was organized in 1887 to introduce to the public new inventions and novelties of merit, thereby enabling inventors to reap the reward of their labor in the quickest possible time. A permanent exhibition has been opened in the spacious building, Nos. 39 and 41 Cortlandt Street, which is open free to the public, where inventors can, at nominal rent, place their articles, and either do their own business or avail themselves of the services of the Company, whose charges will be found extremely moderate. "The Introducer," a monthly publication, devoted to the interests of inventors, will soon be published, and exhibitors in the halls of the permanent exhibition will receive attention in its columns. The manager of the company is Mr. F. W. Beardsley, who is a live, wide-awake young business man. The company have achieved great success. The famous Indestructible Fuel Cartridge, which has had such an immense sale was put upon the market by this company; also the Metallic Fire Log; the Electric Light Stove, highly recommended for heating all small rooms, hall rooms, bed rooms, and such other rooms as have no chimney connection; the Home Kerosene Stoves and ranges, which burn kerosene oil without wicks, and which are fitted with a flue to carry off the products of combustion through the stove into a chimney, thereby keeping the atmosphere in the room pure and healthful, and free from surplus heat, bad odors, and poisonous gases. The general public will find much to interest them in the rooms of the company. Dealers will find it profitable to make a visit thereto; and inventors will find it advantageous to introduce themselves to the courteous manager, Mr. F. W. Beardsley.

BERNHARD KLEIN, Book and Job Printer, No. 24 Beekman Street.—One among the most prominent of the book and job printing houses in this city is that of Bernhard Klein, which is located at No. 24 Beekman Street. Mr. Klein, who is familiar with all the details connected with the typographical art, has won an enviable reputation for the high character of his workmanship which is pronounced equal to the best turned out. He has every facility and is provided with steam-power presses of modern design and construction; also new type, etc., for doing all kinds of printing in the English, French, and German languages. He makes a specialty of book-work, newspapers, and mercantile and general job printing in every style, including cards and programmes, bills, and illuminated posters with neatness and dispatch on the most reasonable terms. The premises occupied on the third floor of a large building have dimensions of 26x100 feet, and as regards equipment and appointments are complete and perfect in every department. Mr. Klein is an experienced practical printer, and has been engaged in the business in this city many years, and is the successor to Heerbrandt & Co., who had been established since 1883. A native of Germany, Mr. Klein has lived in this city and in Brooklyn for more than twenty-three years, and is very popular with all with whom he has business transactions, and during his career he has met with that success which always follows integrity and industry. He furnishes estimates for all kinds of printing and guarantees to give satisfaction in workmanship and price. He is held in high estimation as a business man and citizen, and is very popular and prominent as a notary public.

JOHAN MOORE, Manufacturer of and Dealer in Carriages and Harness, Sleighs, Riding Saddles, etc., Nos. 57 and 59 Warren Street.—Few people not familiar with the details of the carriage and harness trade have any adequate idea of its extent and importance, as it exists in the United States. Within the past thirty years it has reached large proportions, involving the expenditure of ample capital and giving employment to an army of operatives. A leading headquarters in this line of trade in the metropolis is the establishment of Mr. John Moore, at Nos. 57 and 59 Warren Street.

This gentleman is an extensive wholesale and retail dealer in carriages and harness, sleighs, riding saddles, robes, sheets, blankets, whips, and stable requisites, and has been prominent in the trade here for the past thirty years. The building occupied for the business is four stories in height, 30x100 feet in dimensions, and fully equipped for the accommodation and display of the splendid stock constantly kept. A repository comprising three floors is also used for carriages, and a repair shop is operated in connection. This house has long been noted as the leader in reliable goods at the lowest prices. The connections of the house with the leading sources of supply enable the proprietor to command exceptional advantages in the way of terms and prices, which are freely shared with patrons and aid materially in maintaining the popularity of the establishment with close and careful buyers and with the general public. A very heavy and valuable stock is kept on hand, and a large and permanent demand is supplied in this city and throughout New York and adjoining states. Carriages of all descriptions are built to order and fully warranted, and all branches of the business are conducted in a manner to promote the best interests of customers in all respects. Mr. Moore is a native of England, a resident of this city for forty years, and recognized as an enterprising, progressive and reliable merchant, with whom it is always a pleasure to deal.

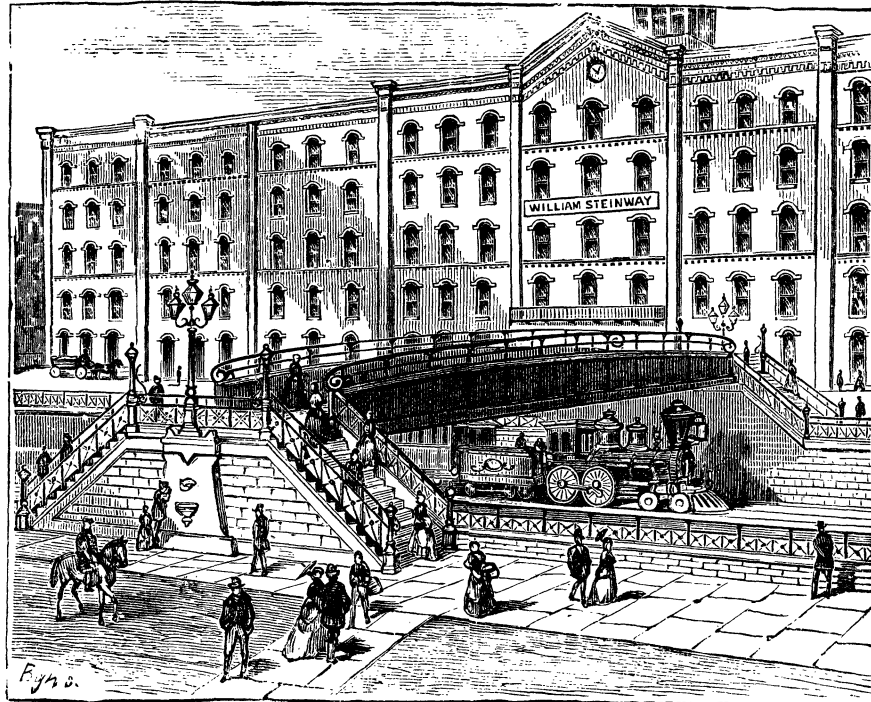
R. ISAACSEN, Importer of Insect Powder, Manufacturer of Rat Paste, No. 64 Fulton Street.—Among other annoyances that humanity—especially dwellers in large cities—is subjected to is that caused by the presence of rats, insects, and the varieties of vermin, and a person who furnishes material wherewith to destroy these pests must needs be looked upon as a public benefactor. A house that has for the past three decades been engaged in this work is that of Mr. R. Isaacsen, located at No. 64 Fulton Street. The enterprise was originally founded by Mr. B. Isaacsen, some thirty years ago, and was continued by him until 1880, when his brother the present proprietor, succeeded to the control, and has conducted the establishment with uninterrupted success. The premises occupied comprise a store and basement, 20x60 feet in size, and equipped with every convenience for the prosecution of the business. Employing a number of competent assistants, Mr. Isaacsen carries on extensive operations as a direct importer of insect powder and manufacturer of rat paste, the trade mark of which is "Sure Death," and which is guaranteed to eradicate rodents from all places infested by them. Particular attention is paid to entering into contracts for cleaning houses, shops, etc., of rats and vermin, the work being done in the most thorough and satisfactory manner in every case. A large stock of the specialties handled is constantly kept on hand, and both a wholesale and retail trade is supplied. Mr. Isaacsen is a native of Denmark, and has resided in New York since 1857, during which period he has won commercial prominence and popularity.

WICKHAM & LEWTHWAITE, Machinists and Engineers. Manufacturers of the "Little Giant" Engine for Sidewalk Elevators, etc., No. 124 Worth Street.—It is tolerably safe to assert, in looking over the various and diverse industrial interests of the metropolis, that no branch of business is of more importance to the community at large than that followed by the machinist, and mechanical engineer, upon whose resources so many other resources levy tribute. A very creditable house engaged in this line is that conducted by Messrs. Wickham & Lewthwaite, of No. 124 Worth Street, between Centre and Elm Streets. The business was founded two years ago, and the firm, who have had twenty years' experience in their vocation and are experts in its every branch, have, through their well-demonstrated ability, already acquired a large and influential patronage throughout the city and its vicinity. The spacious workshop is admirably equipped with labor-saving machinery, operated by steam power and every convenience is at hand to facilitate the business of the house. The firm carry on general operations as machinists, and manufacturers of the "Little Giant" engine for sidewalk elevators, which takes less steam and space than any other. They give special attention to the repairing of steam engines and all kinds of elevators, and also to designing and building to order of special tools and machinery, and to perfecting inventors' productions. In all their work Messrs. Wickham & Lewthwaite exercise the most conscientious care, and will ever be found prompt in meeting their contracts, equitable and fair in all their charges, and fully deserving of all confidence and patronage that may be extended them.

METROPOLITAN HOTEL STABLES, B. Gray, Proprietor, Northwest corner of Centre and Franklin Streets.—A prominent representative of the business in which it is a leader is the enterprise conducted by Mr. B. Gray, the popular and well-known proprietor of the Metropolitan Hotel Stables, located at the northwest corner of Centre and Franklin Streets. This is one of the oldest concerns of the kind in the city, having been founded in 1847 by Mr. Ballows, the present owner succeeding to the control in 1874. The business was for years conducted at the corner of Prince and Crosby Streets, and for a long time these stables had the entire patronage of the down-town hotels. In May, 1887, a removal to the present address was effected. Here the spacious premises occupied comprise an area of 100x100 feet, and are fitted up in the most approved manner with every convenience and comfort for stock, and there are ample accommodations for 125 horses. These stables are well lighted, ventilated, and efficiently drained, and are always kept in the cleanest possible condition. Mr. Gray carries on a general business in his line, furnishing stages and carriages for the Metropolitan Hotel, and always having to let stylish turnouts, which may be hired at all hours of the day or night. A

and the manufactory is supplied with all modern appliances, steam power for operating the machinery, etc., and the goods produced are unsurpassed in quality, fine finish, and general excellence. Mr. Feinier carries a large and varied stock of watch-cases of novel and artistic design, and supplies the orders of jewelers and patrons in general with the choicest goods at the lowest market prices. He is a native New Yorker, and has lived here during his entire life. For twenty years he has had practical experience in his present line of business, and is amply qualified thereby to cater to the trade with the most satisfactory goods, at prices which defy competition.

F W. SONNEBORN, Printer and Manufacturing Stationer, Nos. 8 and 10 Warren Street, near Broadway.—There is no branch of mechanic art which has attained such a degree of perfection as that of the printer. The metropolis has always been the nation's centre of this great industry. Its typographical artists have turned out specimens of work, which for beauty and originality of design and superiority of workmanship are unexcelled by the products of all outside competitors. Prominent among the leading job and book printing and stationery manufacturing establishments



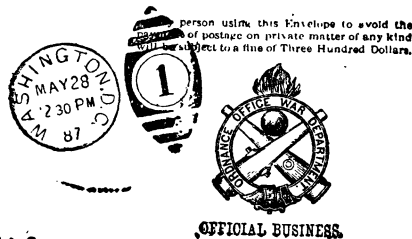
Bridge over N. Y. C. & H. R. R. R.

leading specialty is made of boarding horses by the day, week, or month, the best of food and treatment being guaranteed all animals left here for care. Mr. Gray, who attends personally to all the details of his establishment is very favorably known throughout the community. He is a native of New York, is a public-spirited citizen, and is warmly esteemed as a prompt, enterprising, and responsible business man.

JOSEPH A. FEINIER, Watch-Case Maker, No. 4 Maiden Lane — Eight years ago Mr. Joseph A. Feinier established himself in his present enterprise at No. 4 Maiden Lane, and during his entire career he has enjoyed an excellent rating in mercantile circles, and numbers among his permanent patrons many of the best-known residents of the city, as well as its most prominent retail jewelry dealers. Mr. Feinier manufactures gold and silver watch-cases, of which he makes a specialty, and is a general repairer of jewelry, watches, silver-ware, etc., which labor is executed by several experienced hands, under his close personal supervision, and is guaranteed to be first-class in every particular. The premises occupied are eligibly located in the business part of the metropolis,

which have always maintained an excellent reputation for first-class work, is that of Mr. F. W. Sonneborn of Nos. 8 and 10 Warren Street. He established his enterprise eleven years ago, and is one of the best-known representatives of the craft in this section of the city. His premises are very eligibly located, and they comprise the third and fourth floors of the building, which is 30x125 feet in dimensions. The office is located on the second floor, and the entrance is at No. 10, while the printing and stationery manufacturing department is on the upper floor, the entrance to which is at No. 10. The establishment is equipped with a complete assortment of types, presses, paper-cutting machines, and all the adjuncts necessary to the trade. Mr. Sonneborn has every facility for executing book and job printing, and for blank-book manufacturing in the quickest and most artistic manner, and at the very lowest prices consistent with fair and equitable dealings. In the various departments of the business twenty-five hands are employed, and Mr. Sonneborn has a large patronage which is drawn from leading mercantile houses, banking and other institutions. Mr. Sonneborn is a native of Germany, and came to New York forty-nine years ago. He is a talented, energetic business man, and an estimable private citizen.

Jens F. Pedersen,
1½ Maiden Lane.
New York City



JENS F. PEDERSEN, Watches, Diamonds, and Jewelry No. 1½ Maiden Lane.—Keeping pace with the march of progress in science and art very notable advance has been made in late years in the watch-making and jewelry trade in all their branches, as the elegant display made in our leading establishments devoted to the trade in watches, jewelry, and kindred articles to-day abundantly attests; and in this connection attention is directed to the well ordered and reliable establishment of Mr. Jens F. Pedersen, manufacturer of and wholesale dealer in watches, diamonds, and jewelry, at No. 1½ Maiden Lane, where can always be found a complete and first-class assortment of everything comprehended in this line, at the lowest prices consistent with excellent goods and honorable dealing, buyers being at all times assured of polite attention and of getting honest value in exchange for their money in this deservedly popular establishment. Mr. Pedersen, who is a native of Denmark, and a resident for the past ten years in New York, formed a partnership seven years ago under the style of Doughty & Pedersen, at No. 23 Maiden Lane. On the dissolution of the firm in 1884 Mr. Pedersen took possession of his present store, No. 1½ Maiden Lane, which is one of the neatest and most attractively fitted-up stores in the "Lane." He has of late made the importation of timing watches a specialty and is offering special inducements to the public in that line. Being an extensive manufacturer of medals and badges he has, through strict integrity, attained an enviable reputation for quality and finish of goods, attested to by an award of three large United States government contracts within one year.

HAVILAH M. SMITH & SON, Carpenters and Builders, No. 35 North Moore Street.—The numerous large and expensive buildings that have been erected in the last few years in New York and the neighboring cities have done much towards advancing the building industry to its present prosperous condition. No better illustration of the facilities of this trade can be had in the metropolis than by reference to the reliable firm of Messrs. Havilah M. Smith & Son, carpenters and builders, No. 35 North Moore Street. This business was established thirty-five years ago by Mr. Havilah M. Smith, who a few years later took his son as a partner, both of whom are experienced and able builders, fully conversant with every detail of the business and the requirements of patrons. The yards and shops are extensive and well equipped, and the firm often employ during the busy season a large number of skilled workmen. Messrs. Havilah M. Smith & Son are prepared at all times to contract for the repair or alteration of old premises and the erection of new buildings. During their business career they have erected many important public and private structures in New York and its vicinity, which are greatly admired by experts for their finish, stability, and excellence of workmanship. They promptly furnish plans and estimates for those intending to build, and spare neither time nor pains to fulfill the wishes and expectations of patrons. Since the decease of Mr. Havilah M. Smith, two years ago, the business has been continued under the old firm name by the surviving partner, Mr. William C. Smith, who is highly esteemed by the community as an honorable, liberal, and energetic business man, and enjoys the respect and esteem of all who have dealings with him.

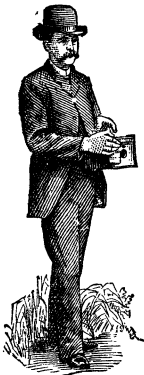
HERMAN JANTZEN, Dealer in and Manufacturer of Ladies' Gents', and Children's Fine Boots and Shoes, No. 284 Sixth Avenue.—Among the leading boot and shoe establishments on Sixth Avenue, that of Mr. Herman Jantzen is well known and prominent. Mr. Jantzen is a practical boot and shoe maker of thirty-five years experience, and during the time he has been in business, which dates from 1861, he has met with a pronounced success and established a first-class custom. The store has an area of 20x70 feet, and is arranged with a due regard to facilitate business and for the accommodation of the patrons. Mr. Jantzen deals in and manufactures ladies', gentlemen's, and children's shoes, and has a well-selected assortment of the very best quality, which he has selected from the stocks of the most noted manufacturers in the country. The goods are in all shapes and sizes, and in the leading fashionable styles, and are warranted to be as represented. In the custom department a number of skilled workmen are employed. He is known as one of the best boot and shoe makers in the city, and his work is always of the highest standard character. A native of Germany, Mr. Jantzen arrived in New York in 1854. He is a thorough-going business man and an influential member of the Freemasons.

THEODOR WEBER, Maker of First-class Parlor Frames, etc., No. 166 Mott Street, between Broome and Grand Streets.—A leading, representative manufacturer of first-class parlor frames, etc., is Mr. Theodor Weber. The business was established by Mr. Weber upward of seventeen years ago. He occupies three entire floors, each 25x70 feet in dimensions, handsomely and fully fitted up, and where he employs a large number of skilled hands, over whom he exercises close personal supervision. He brings thirty years experience to bear, and has an intimate knowledge of the wants of first class fashionable trade. He uses the best seasoned woods only, and introducing original artistic designs, with such careful skilled workmanship, he offers substantial inducements to the trade not duplicated elsewhere. He has the finest lines of sample frames on exhibition in his show-room, and we recommend all interested to call and examine what experts pronounce the most elegant and elaborately finished parlor and drawing-room frames in the market.

PEARSCALL, Poultry and Game, Nos. 289 and 290 Washington Market.—Mr. Pearsall is an extensive dealer at wholesale and retail in poultry and game, and in this line has achieved wide popularity, by always keeping in stock the freshest and choicest goods at the lowest prices ruling in the market. The business was established originally by his brother, the late Mr. W. F. Pearsall, in 1872. On the death of his brother, in 1884, he succeeded to the enterprise, and as he has since considerably developed the trade, his career gives promise of continued prosperity. He is kept busy, along with his assistants, in supplying hotels, restaurants, shipping, etc., and the fresh and fine quality of his goods have established him in general confidence. Mr. Pearsall employs two competent clerks, and personally superintends every detail.

HENRY E. DROZ, Importer of Watches and Watch-Case Manufacturer, No. 92 Fulton Street.—The establishment of Mr. Henry E. Droz, importer of watches and watch-case manufacturer of No. 92 Fulton Street, is a veritable landmark among the old business houses of the metropolis. Mr. Droz is a native of Switzerland, and when he left his native Alps for America, in 1831, the crossing of the ocean was by no means a pleasure journey such as it is to-day in swift-floating palaces. Travel over the raging billows was then done in rough, wooden sailing vessels, and the ship in which Mr. Droz took passage was fifty-seven days in making the voyage. He was born in the year 1819, and is one of the oldest business men in his line in New York. He started business in 1839, and for forty-three years he has been located in his present premises in Fulton Street, where he occupies one floor 20x70 feet in dimensions. This is very finely fitted up, and it contains a very extensive stock of foreign and domestic watches and watch cases. Bringing to bear upon his enterprise a long and thorough practical experience as a full-trained jeweler, his house has reached a degree of popularity and prosperity excelled by none in its line in the city. A specialty is made of handling American watches, and repairs of all kinds are executed in the most workmanlike manner at reasonable charges. Expert assistants are employed, and the business is strictly conducted on the lines of promptitude and probity. Personally, Mr. Droz is regarded in this community for his mechanical skill, industry, and business integrity.

TISDELL & WHITTELEY, Tool, Model, and Instrument Makers, Manufacturers of Photographic Instruments, Stereopticons, etc., Room 18, Commercial Building.—New York is the great centre for the country's manufactures of every description. A leading house is that of Messrs. Tisdell & Whittlesey, who are conducting a flourishing and successful business in the Commercial Building, as tool, model, and instrument makers and manufacturers of photographic instruments, stereopticons, etc., making a specialty of detective and other cameras, magic lanterns, and oxygen calcium apparatus. The members of this firm are Messrs. A. G. Tisdell, who is a native of Pennsylvania, and E. A. Whittlesey, who was born in Connecticut. They have both long resided in the metropolis, and both have had long experience in their branch of trade. Their premises are thoroughly equipped with all necessary machinery, which is operated by steam power, and their workmen are skilled and experienced in the making of tools, models, photographic instruments, stereopticons, oxy-hydrogen apparatus. Particular attention is given to special photographic apparatus. Stereopticons are furnished and operated, and slides made for special purposes. The firm are the sole manufacturers of the T. & W. patent detective camera, the most complete instrument ever constructed. Small articles are also manufactured. The firm regularly keep on hand a large stock of goods, and they are reasonable in their charges and prompt in filling all orders.



JAMES R. COLLINS & CO., Importers of Jute Goods, Burlaps, Baggings, etc.; Manufacturers of Burlap, Cotton, and Paper Bags, No. 186 and 188 Reade Street.—An extensive business, and one which with a comparatively recent establishment has attained prosperous proportions, is that of Messrs. James R. Collins & Co., importers of jute goods, burlaps, baggings, etc., manufacturers of burlap, cotton, and paper bags, and dealers in rope, twine, and paper at Nos. 186 and 188 Reade Street. This business was started under the present able and enterprising management in 1884, and from its inception has had a substantial and rapid growth. The premises consist of three floors, each 30x70 feet in dimensions, and the general complete equipment includes all requisite methods and appliances, and every facility for the advantageous prosecution of the enterprise. The house imports largely burlaps, jute canvasses, screens, baggings, and second-hand bags, and carries at all times a full and complete stock of these goods. The manufactured product comprises grain, flour, bran, fertilizer, coffee, seed, and cork bags, wool sacks, butter-tub sacks, ore bags, gravel bags, peach basket covers, beef covers, etc., in addition to which is carried a stock of

second-hand bags of every description; also butter, cheese, and barrel covers, twine of every kind, paper, skewers, paper bags, etc. Mr. Collins employs a competent force of experienced hands in the production of the high grade bag-work, for which his establishment is a popular headquarters, and in his three years of action and prosperous business he has secured a widely-extended and voluminous trade.

OTIS ANDERSON, Diamonds, No. 10 Maiden Lane.—Among the many jewelers and diamond importers of the metropolis who have established their headquarters on the popular thoroughfare known as Maiden Lane is Mr. Otis Anderson, who for the past quarter of a century has carried on his present enterprise, and during this lengthy period has achieved a marked degree of success, and enjoys a permanent and liberal wholesale and retail trade, extending throughout the United States. Mr. Anderson has won an exemplary reputation as an authority on precious stones of all kinds, and is one of the heaviest dealers in gems on the street. The premises occupied are of large and commodious area, and not only attractively fitted up, but well equipped with all facilities for displaying diamonds, rubies, sapphires, emeralds, etc., to the best advantage, and for executing orders from the wholesale and retail trade with accuracy and despatch. A large stock of jewels, loose or mounted, is always on hand, and contribute largely to the supply of a liberal patronage, and a specialty is made of gems of the finest water. Mr. Anderson is a native of Sweden, from which country he removed to the metropolis of the New World more than forty years ago, and during this extended period he has won the respect and esteem of all with whom he has had dealings.

I. P. MERSEREAU, Wholesale Dealer in and Planter of Oysters, Foot of Perry Street, N. R.—One of the most reliable and best-known houses engaged in the wholesale oyster trade of New York is that of Mr. I. P. Mersereau. This house was founded in 1850 by Messrs. Henry Miller, Jr., & Co., who were succeeded in 1886 by the present proprietor, who had been a member of the original firm for a period of twenty-eight years. He occupies a three-story barge, 25x80 feet in dimensions, and the finest facilities are at hand for conducting all branches of the business. The proprietor carries at all times an extensive stock, which he maintains at the highest point of excellence, and, as he deals only in the choicest of bivalves, parties ordering from him may rely upon receiving a fresh and delicious oyster, good measure, and fair and liberal terms and prices. A suitable force of experienced hands contribute to the satisfactory operations of the house, and every facility is at hand to insure the prompt and perfect fulfilment of all orders and to grant every advantage to patrons that is known to the business. Mr. Mersereau is a native of Staten Island, raised in the oyster business from his youth up, in the active prime of life, and is a member of the Executive Committee of the Wholesale Oyster Dealers and Planters' Association, of this city.

STRONG & BRINSLEY, Designing and Engraving on Wood, No. 113 Fulton Street.—The science of wood engraving is one which has made great advances in the last two decades, and has now attained an extraordinary point of high development. As a matter of course, the profession is well-represented in this city, and prominent and noteworthy members of it are Messrs. Strong & Brinsley, who are regarded as experts in their calling. Mr. Philip C. Strong, who was born in Ireland forty-six years ago, and who has resided in this city and in Brooklyn for the past thirty-seven years, founded this business in 1870, and conducted it alone with great success until 1877, when he formed a partnership with Mr. Daniel J. Brinsley, who is thirty-three years of age, and a native of England, and who came to this city when one year old. Both are competent designers and skilful handlers of the graver. They throw much artistic feeling into their work, and have executed much fine work for many of our leading houses. They execute all descriptions of wood engraving for every purpose, and all work proceeding from their establishment is of the best and most unexceptionable as well as most artistic class. Several experienced hands are employed, and orders are promptly and carefully filled. The proprietors are young and talented professional and business men, and are deservedly esteemed as skilful members of their important trade.

BLANCARD & CO., Diamond Settings, Galleries, etc. Office and Manufactory, Nos. 36 and 38 John Street.—In giving a representation of the jewelry interests located in the metropolis mention should be made of the manufacturing house of Messrs. Blencard & Co., of Nos. 36 and 38 John Street. He founded this enterprise fifteen years ago, and has been much more than ordinarily successful. Mr. Blencard was born in Germany, and came to America when a boy. From his youth up he has been connected with his present line of trade, with every detail of which he is thoroughly familiar, and is regarded as an expert in his business. He occupies two floors of the building, Nos. 36 and 38 John Street, and these are severally 20x70 feet in dimensions. They are equipped with all the latest improved machinery pertaining to the trade, and the driving force is steam. From ten to fifteen skilled and experienced artisans are permanently employed, and orders are given immediate and satisfactory attention. Mr. Blencard is a general manufacturer of diamond settings, galleries, etc., and in this line the most unique and original designs are produced. An attractive, first-class, and valuable stock is carried at all times, and the business of the house is of a wholesale and retail character, and extends to all parts of the Union. Magnificent specimens of fine workmanship are turned out, and a brisk patronage is received from the members of the jewelry trade. Mr. Blencard is a courteous and intelligent gentleman, whose reputation is of the highest in the trade. He is esteemed as an upright, hard-working business man.

ABEL BROTHERS, Iron Merchants, No. 190 South Street.—There are some few houses in this city whose long and steady career, heavy and extensive transactions, and solid business qualities make them landmarks in the history of the past, and prime factors in the commerce of the present. The establishment of Messrs. Abel Brothers, the well-known iron merchants, at No. 190 South Street, is a notable instance. This is the oldest house in its line of trade in the United States. It was established in 1765 by Messrs. Abel & Byvanck, and has been kept in the Abel family during the succeeding one hundred and twenty-three years. The present firm succeeded to the control in 1870, the present proprietors, Messrs. George and John H. Abel, Jr., being great-grandsons of the original senior partner. The business was founded upon a small scale, but the growth of the house was assured from the first, and soon achieved a solidity as remarkable as it is rare. The business premises comprise a three-story building, 30x150 feet in dimensions, running through the block to Water Street, and perfect in convenience of arrangement for inspection and sale. The stock carried is immense in quantity and variety, and comprises every known article in the line of merchant bar, band, and hoop iron, Norway, Swede, and American iron, cast tool, round, and machinery, German coach-spring, tire, and calking steel, and general supplies for all classes of manufacturers and mechanics. The firm are sales agents and importers of many special brands of goods that are widely celebrated and in great demand, while all supplies are obtained direct from manufacturers and first hands, which is, in itself, an advantage worthy the highest consideration of the trade. The great resources and facilities of this house enable it to command the most favorable opportunities of the market, and to offer the most substantial inducements to customers as regards both superiority of goods and liberality of terms and prices. The trade is conducted at both wholesale and retail, and is heavy and permanent throughout the city and State where the house has long held a high reputation for fair and honorable dealing. The Messrs. Abel are natives of this city, and closely identified with the growth of her commercial prosperity. They have been connected with the house for the past thirty-two years, and have the books appertaining to the concern from the foundation of the business.

HERMAN KORNAHRENS, Wholesale Dealer in Wood and Willow Ware, Brooms, Brushes, etc., No. 111 Murray Street, corner West Street.—Representative among the leading houses engaged in the wooden-ware trade, and the oldest established, is that of which Mr. Herman Kornahrens is the esteemed and enterprising proprietor. The business was founded in 1858 by the firm of Rosentreter & Kornahrens, thus continuing with an ever enlarging volume of trade until, in 1870, Mr. Kornahrens became sole proprietor. Both as to wide range of experience, perfected facilities, and influential connections, he has no equal, and can be relied upon to quote lowest possible prices for the best goods manufact-

ured, including all novelties and improved articles. His premises are unusually extensive, comprising a substantial four-story and basement building, No. 111 Murray Street, corner of West Street—four stories on West Street, and two stories at No. 107 Murray Street—60 feet front by 52 feet in depth, crammed from basement to roof with full lines of wooden and willow ware, making a specialty of wooden shoes, of sinks-crubs, otherwise called heather scrubs, pails, tubs, buckets, bowls, baskets, step-ladders, trays, and wooden dishes, the best make of brooms, and all kinds of scrubbing and dusting brushes, matches, twines, cordage, etc. Here is everything needed by the house-furnishing trade, by grocers, ship-chandlers, steamboat lines, hotels, and restaurants in the wooden-ware line, guaranteed best quality, and to give the utmost satisfaction. Mr. Kornahrens has built up a trade of enormous magnitude, extending all over this city, Brooklyn, New Jersey, etc., and, buying as he does in the largest quantities, contracting direct with leading manufacturers, it is manifest he offers substantial inducements not duplicated anywhere else. He is a native of the kingdom of Hanover, near Bremerhaven, the seaport of the great city of Bremen, and has been a permanent resident of this city since 1839, a merchant who has ever retained the confidence of leading commercial circles, and is universally popular, being the recognized leading representative in the wholesale wooden-ware trade of New York.

LFUNKE, Jr., Sole Manufacturer and Proprietor of Boker's Bitters, No. 78 John Street.—Among the numerous preparations under the name of bitters continually presented to the public, it is oftentimes difficult to make a selection. It is gratifying, therefore to find one which has established itself firmly by dint of undoubted efficacy, proved beyond dispute by sixty years of actual use. Such is the preparation known as the famous "Boker's Bitters." Boker's Bitters were first produced by Messrs. John G. and E. Boker in 1828, who were succeeded in 1860 by Mr. L. Funke, Jr., the present sole manufacturer and proprietor. Boker's Bitters are the best stomach bitters in existence. They are unequalled for mixing with other cordials (such as curaçoa, anisette, kummel), Vermouth, wines, or liquors, as well as for the preparation of the refined drinks of the bar. They contain most valuable medicinal properties in all cases of affection of the digestive organs, prevent cholera, and have invariably proved a sure specific against dyspepsia, malarial fevers, summer complaint, etc. As such these splendid bitters may be taken, either pure or diluted with wine or water (with or without sugar), in quantities of half a teaspoonful, for children or persons of a weak constitution, to a small wine-glassful at a time. No family should be without them, and by a decision of the Commissioner of Internal Revenue they may be sold without rendering dealers liable to pay special tax as liquor dealers. Buyers should be strictly on guard against the counterfeits and imitations. Unlike the majority of similar preparations Boker's Bitters do not rely upon advertising methods for their success, but solely upon their merits, and the praises of those who have been benefited by them. Mr. Funke was born in Germany, but has resided in the United States since 1849. The trade of this reliable house now extends throughout all sections of the United States, and large quantities of these unrivalled bitters are now exported to Canada, Mexico, the West Indies, South America, Cuba, and Europe.

THOMAS WILDES, Manufacturer of Electrotypes, Stereotype, Type, and Babbitt Metal, etc., Office, No. 246 Water Street.—The oldest established and largest house in the United States actively engaged in the manufacture of all kinds of type, metal, etc., is that of Mr. Thomas Wildes, whose office is situated at No. 246 Water Street. The factory of the house, which is fully supplied with the latest improved apparatus, appliances, and machinery, and furnishes constant employment to a strong force of workmen, is at No. 124 Beekman Street. The capacity of the factory is sixteen tons of metal daily. This business was established in 1824 by Mr. Thomas Wildes, the father of the present proprietor, who conducted it till 1864, when he died, after a successful and honorable career. He was succeeded by his son, Mr. Thomas Wildes, Jr., who has since greatly extended and developed the business. Mr. Wildes manufactures largely electrotypes, stereotype, type, solder, and Babbitt metal, and likewise deals in pig lead, tin, antimony, and spelter. Mr. Wildes was born in New York. The trade of this reliable house extends throughout all sections of the United States and Canada, and is steadily increasing.

A. GROSSMAN, Manufacturer of all kinds of Ladies', Misses', and Children's Fine Shoes, No. 77 Warren Street.—Among the large and reputable manufacturing concerns in this market engaged in the production of fine shoes for ladies, misses, and children, is Mr. A. Grossman. The history of this prosperous establishment dates as far back as the year 1869, when it became known in this market, and from a moderate beginning it has steadily increased and grown until we find it to-day enjoying a very prominent position among our boot and shoe industries. This concern makes a special feature of the highest grade of footwear for



children, misses, and ladies, and they are held in popular favor in the trade. The business extends all over the United States, both east and west, and is especially large in the west. The premises occupied for the business comprise four floors of the buildings, which is 25x80 feet in dimensions, and these are equipped with the latest improved shoe manufacturing machinery. From fifty to seventy-five hands are employed, and the operations of the factory are conducted under the close supervision of Mr. A. Grossman, who is a gentleman of thirty years' practical experience in the trade, and who knows a first-class shoe when he sees it. Every shoe leaving the place is guaranteed to be exactly as represented. Mr. Grossman employs an able corps of gentlemanly salesmen on the road, among whom is his son, Julius, who has gained an enviable reputation for himself in that line, and is considered one of the most popular travelling shoe men in the Eastern and Southern circuit. Born in Hungary, Mr. Grossman came to America twenty years ago, and during his residence in this city he has not only made himself well known, but has enjoyed the confidence of the trade and the respect of all who know him.

G. W. HILL (Ondowa Paper Company), Manufacturer of Card, Tag, Manilla, Rope, and all Kinds of Wrapping Paper, and Dealer in Leather Remnants, etc.; Salesroom, No. 388 Pearl Street.—The enterprising methods of this house have made it prominent with the trade. Established for eleven years in the leather business, and adding the paper department three years ago, it occupies the store and basement at above number, each having an area of 30x100 feet, and being fitted up with every convenience to facilitate their doing business. Four hands are employed to handle the stock, which is heavy and complete, and their trade, which is both wholesale and retail, comes from this and adjoining States. The goods in the leather line kept in stock consists of inner-soles and counters, leather board, brush blocks, backs, and straps, brush-makers' waste, embossing, and Simonds' moulded counters. This branch of their trade is in a very healthy condition, and its continuous development is full of good augury for the future. The paper department, although comparatively young, has already assumed proportions which designate it as a perfect success. The house represents the Ondowa Paper Company, carrying card, tag, Manilla, rope, and all kinds of wrapping paper, and are at all times ready to furnish estimates. The house is a popular one in both departments, all goods being put on the market on their merits, and no favors asked. G. W. Hill is a native of this city, and is fully versed in all branches of his trade.

C. ALIFORNIA VINTAGE COMPANY, No. 21 Park Place.—The great attention that has been paid of recent years to the cultivation of grapes in the favorable districts of this country has resulted in developing the industry to immense proportions, and has greatly increased the popular demand for wines as a health-

ful and stimulating beverage. Native wines can now be produced possessing undoubted merit; in fact over two-thirds of the importation of European wine has been cut off—which fact is sufficient evidence that our people are putting aside the prejudice which has existed against California wines—and are actually consuming them. One of the most prominent houses in New York engaged in this branch of trade is the California Vintage Company. This company was duly incorporated in 1883, under the laws of this State, with ample capital and resources, and under energetic and able management a marked success has been scored, a very extensive trade having been developed throughout the Eastern, Southern, and Northern States. The officers of the concern, Mr. George Hamlin, president, and Mr. Charles Roome Parmele, secretary and treasurer, are gentlemen possessed of superior business ability, and have a thorough knowledge of their vocation. The commodious premises occupied for their purposes comprise a store, basement, and sub-cellar, each 25x100 feet in dimensions, handsomely fitted up, and completely equipped for the systematic prosecution of the business. A very heavy stock is carried, embracing wines of all kinds, a leading specialty being made of those of California vintage, all mild, mellow, and delicious, and guaranteed absolutely pure and exactly as represented.

J. AMES H. HAMILTON, Painters' Supplies, Wall-Papers, Varnishes, Oils, etc., No. 465 Third Avenue.—One among the most active of the enterprising young business men uptown on Third Avenue is Mr. James H. Hamilton, of No. 465 Third Avenue, who has quite an extended experience as a painter, decorator, paper-hanger, and dealer in all supplies pertaining to those trades. He was taught the business under the able tuition of his father, who has a wide reputation for his skill in and knowledge of the various branches of the above lines of trade. The premises at present occupied by James H. Hamilton are commodious and well filled with every article which the demands of the public call for. His stock embraces all the various kinds of dry and ready-mixed paints, paints in oil, varnish, etc., while his line of wall-papers contains the latest, newest, and most popular designs and styles in the market. As a painter and decorator, Mr. Hamilton has gained a wide reputation, and one of the many creditable results of his handiwork is the lobby and exterior front of the Third Avenue Theatre, which was recently improved under his direction. He combines with excellent mechanical effect the finish of a careful artist, and particular attention is given to the production of new and novel designs, all of which are his own conception. Special pains are taken in all kinds of sign work. In the employment of assistants he selects only the most skilled and experienced, and carefully supervises their operations. Mr. Hamilton is a comparatively young man and was born in this city, when, by his close study and application to business, he has gained a start that augurs well for the future. As a private citizen he is equally popular, and to his cheerful manners he can attribute his success as much as to his honorable business methods.

J. OHN MORRIS, Dealer in Beef, Mutton, Lamb, and Veal, Nos. 171, 173, and 175 Fulton Market.—Among the most popular wholesale and retail dealers in meats in Fulton Market is Mr. John Morris, of Stalls Nos. 171, 173 and 175. Mr. Morris has been identified with the meat trade for the past thirty-six years; in fact, since boyhood; and in 1860 started business on his own account at his present location. His stalls are tastefully fitted up and admirably arranged for the business, which involves the daily receipt and handling of large quantities of fresh beef, veal, mutton, lamb, calves heads, sweet breads, etc. The best improved refrigerators for furnishing cold storage for the preservation of perishable articles are in operation; and these insure at all times good and wholesome food during hot weather at the lowest prices. Neatness and cleanliness are observable on every hand, and the proprietor devotes the whole of his attention to every detail of the business. A specialty is made of supplying hotels and steamships, and family orders are given immediate attention. A brisk trade is done throughout the city and vicinity, and nothing is left undone to afford the utmost satisfaction to patrons. Mr. Morris is wide awake, energetic and a square dealing business man, and is very popular with all who know him. Mr. Morris is an active and prominent member of the Free and Accepted Masons, Knights Templar and Blue Lodge, and is esteemed in business circles and as a private citizen.

H METCALF, Manufacturer of Improved MacGregor's Ventilating and Heating Furnace, etc., No. 115 Beekman Street.—The best ventilating and heating furnace in existence is now conceded by experts to be the improved MacGregor, manufactured solely by Mr. H. Metcalf, of No. 115 Beekman Street. The house is one of the oldest, and leading in its line. The business was founded by the late Mr. MacGregor forty years ago, and early grew to importance, the proprietor designing a furnace that became the popular favorite. Mr. Metcalf, who is a native of Connecticut, early in life became the bookkeeper, and subsequently came into proprietorship, forming the firm of Metcalf & Ennis. Since its dissolution he has retained sole control and developed the business to proportions of great magnitude. The premises occupied are unusually extensive, comprising the entire three-story and basement building, No. 115 Beekman Street, 25x75 in dimensions, and appropriately fitted up for the handling and storage of stock. Mr. Metcalf has made a careful study of the principles involved in combustion, heating, and ventilation, and has brought the MacGregor Ventilating and Heating Furnace to the highest standard of perfection. It is in use in thousands of houses and affords entire satisfaction, being economical on fuel, easy to regulate, a powerful heater, and a perfect ventilator. The castings are all of the heaviest iron, fitting and finish the best, and prices the lowest for the same power and utility. Mr. Metcalf also manufactures ranges adapted to every possible requirement of private houses, hotels, restaurants, steamers, etc. The improvements introduced into the above render them by far the most reliable for all culinary purposes in the market to day. Other specialties obtainable here, of best quality and at lowest prices, are caldrons and steam jacket kettles, registers and register borders, etc. Mr. Metcalf does a heavy wholesale trade direct with stove dealers all over the city, and throughout the country at large, and both the trade and private parties will consult their best interests by investigating the merits of Mr. Metcalf's furnaces, stoves, and ranges, before purchasing elsewhere. He has ever retained the confidence of leading commercial circles, and is a worthy and markedly progressive representative of this most important branch of trade.

JOSEPH SHARDLOW, Turner and Dealer in Ivory and Hard Woods, No. 116 Fulton Street.—It is an agreeable task to describe in this review of the commerce of New York the resources and facilities of a house like that of Mr. Joseph Shardlow, the well-known turner and dealer in ivory and hard woods. This enterprise was founded in 1842 by Mr. Samuel Shardlow, who was succeeded by his son, the present proprietor, in 1870. The business premises, which have been occupied ever since the establishment of the business, are spacious in size, and well adapted for both manufacturing and trade purposes. The factory is thoroughly equipped with new and improved machinery operated by steam power, and steady employment is given to some ten skilled hands. The productions of the house comprise billiard balls and materials, checks, martingale rings, dominoes, chessmen, and other ivory and hard-wood articles which are turned out in large quantities and in such a systematic and thorough manner that the goods are everywhere recognized as of standard value. A large and influential trade has been built up both at wholesale and retail in all parts of the United States. All orders and commissions are promptly and carefully attended to, and those interested in making purchases in this line will find the proprietor always prepared to name the lowest prices and to guarantee entire satisfaction in all transactions. Mr. Shardlow is a native of this city, and trained in this line from his youth up.

KIRKMAN & SON, Makers of Pure Laundry Soaps, No. 30 Catharine Street.—An old established and representative house in New York engaged in the manufacture of borax and pure laundry soaps is that of Messrs. Kirkman & Son. This business was established originally in 1837 by Mr. John Kirkman, who conducted it till 1880 when he died after an honorable and successful career. He was succeeded by his widow, Mrs. A. Kirkman, and his son, Mr. A. S. Kirkman, who are now carrying on the business under the old firm name of Kirkman & Son. The premises occupied comprise a spacious three-story building, 30x150 feet in dimensions. It is fully supplied with the latest improved machinery, apparatus, and appliances known to the trade. Twenty-five workmen are employed in the various departments, and the machinery is driven by steam power. Messrs. Kirkman & Son manufacture

largely borax soap, best laundry, amber, XXX family, extra, and other noted brands. The reputation for excellence which the soaps of this establishment have gained is owing to the great care taken as to the purity of all ingredients. The trade of the house now extends throughout all sections of the United States, and is steadily increasing owing to the superiority of its laundry soaps, which are general favorites with the trade and public wherever introduced, always commanding a ready sale. Mr. A. S. Kirkman, who has now sole control, is a native of New York.

SELLIS BRIGGS, Barrels, etc., Factory and Storage, Nos. 305 to 311 Cherry Street, and Nos. 550 to 556 Water Street, Office No. 550 Water Street.—The oldest-established and most reliable house in New York actively engaged in the sale of barrels and cooperage stock is that of Mr. S. Ellis Briggs, whose office is located at No. 550 Water Street. The factory and warehouse are at Nos. 305 to 311 Cherry and 550 to 556 Water streets. This house was founded in 1840 by Mr. A. T. Briggs, who conducted it till 1877 when he was succeeded by his son, Mr. S. Ellis Briggs, the present proprietor. The premises occupied comprise a superior five-story building, 100x130 feet in dimensions. The workshops are fully supplied with all the latest improved machinery, tools, and appliances known to the trade. One hundred and fifty coopers and operatives are employed in the various departments, and the machinery is driven by steam power. The capacity of the factory is about 3000 barrels and packages daily. Mr. Briggs likewise deals extensively in second-hand barrels and keeps constantly on hand a general assortment of cooperage stock. He also makes a specialty of new shoos for shipment to Cuba, South America, Australia, and South Africa. All orders are promptly and carefully filled at the lowest possible prices, and the trade of the house is steadily increasing, owing to the superiority of its productions. Mr. Briggs is a native of New York. He is highly esteemed by the community for his integrity, and well deserves the liberal and influential patronage that has been accorded to him in this important and growing industry. The telephone call of the house is Nassau 414.

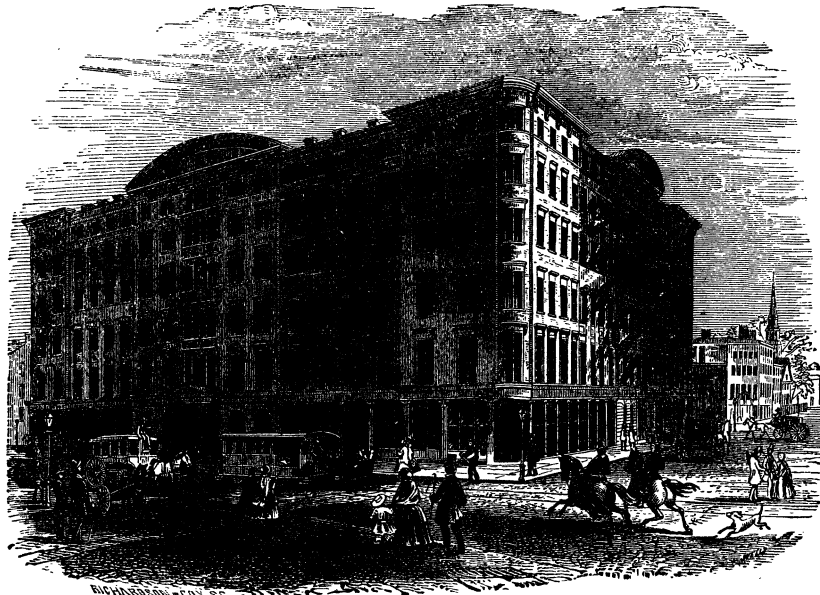
ADOLPH ISAACSEN, Manufacturer of "Sure Pop" Specialties, No. 92 Fulton Street.—Among the many annoyances that dwellers in large cities—and in small communities as well—are subject to, none are more obnoxious than those caused by rats and other vermin. Mr. Adolph Isaacsen has long been manufacturing specifics for the eradication of vermin. He was born in Denmark, and came to New York in 1853. In 1857 he founded the business which he has since conducted with such success, and has built up an extensive demand for his productions in all parts of the United States, his trade being particularly heavy in this city and the Eastern States. The store occupied by him is fitted up in the most approved manner for the purposes required, and is filled with a large first-class stock of the specialties handled. Mr. Isaacsen manufactures, under the trade mark of "Sure Pop," "Sure Pop Insect Powder," which kills all insects, "Sure Pop Phosphoric Paste," which kills rats, mice, etc., "Sure Pop Insect Powder Killers," and "Sure Pop Patent Powder Bellows." Mr. Isaacsen also has a "Sure Pop" breed of trained ferrets—animals that rats stand in mortal terror of—and is prepared to enter into contracts to rid dwellings, etc., of rats, mice, etc., at reasonable rates. His representations may be entirely depended upon, and he is well worthy of all patronage that may be accorded to him.

FRED'K VIEWEG, Importer of Pure Teas, No. 89 Fulton Street.—Mr. Vieweg founded his business ten years ago meeting with signal success from the outset, and he has built up a reputation of enviable character owing to the superiority of the merchandise handled by him, and the honorable methods followed in all his transactions. The salesroom occupied is fitted up in the most approved manner, having attractive fixtures and all necessary conveniences, and the place presents a bright and inviting appearance. A heavy stock is carried, embracing the choicest "basket-picked" teas all fresh and guaranteed to be thoroughly pure and free from adulteration of any kind, and a superior variety of coffees fresh roasted, and of full flavor and strength. Both a wholesale and retail trade is supplied, and every facility is possessed for the prompt fulfillment of orders. Mr. Vieweg was born in England where he served seven years apprenticeship in the art of tea tasting, and came to this city fourteen years ago.

EINBIGLER & ADLER, Electricians, Machinists, and Manufacturers of Specialties, Nos. 433 and 435 Seventh Avenue.—As a representative industrial institution which has risen to a position of importance, and materially contributed to expanding the advantages of this city as a manufacturing centre, the establishment of Messrs. Einbigler & Adler, at Nos. 433 and 435 Seventh Avenue and Thirty-fourth Street, is entitled to prominent mention in this review. This firm have acquired a national reputation as electricians, ornamental bronze and brass workers, manufacturers of specialties in hardware, and have been engaged in the business since 1880. The partners, Messrs. R. Einbigler and C. Adler, are thoroughly practical metal workers in all its details, and bring to bear on this enterprise great skill and experience, coupled with an intimate knowledge of every feature of the business and requirements of patrons. The premises occupied for manufacturing purposes are spacious in size, and admirably equipped with the most improved machinery operated by steam-power, and employment is given to from forty to fifty skilled mechanics. The production of this responsible house comprise many important and valuable inventions, including Einbigler's patent stock annunciator. They have one annunciator in the New York Stock Exchange of one thousand and twenty (1020) numbers, and one in the Consolidated Stock and Petroleum Exchange of four hundred and fifty (450) numbers at present, all of which are in daily use. They

ment of the business, while the influence exercised by the firm in the manufacture of specialties of so useful a character has been of a salutary nature, assuring those interested in establishing business relations with them of thoroughly reliable and satisfactory treatment. Both members are natives of this city, and known as enterprising and progressive manufacturers and reliable and responsible business men. Messrs. R. Einbigler and C. Adler have been engaged in their respective branches as foremen in some of the largest houses here and in Brooklyn, Mr. Adler particularly having been foreman since his eighteenth year. This item speaks of their superior knowledge in their respective branches.

MARTIN RAU, Machinist, Nos. 39 and 41 Centre Street.—Mr. Martin Rau is a practical machinist of forty years' experience, and has a national reputation both as an inventor and manufacturer. As a general constructing machinist, Mr. Rau gives skilful attention to the production of envelope folding, gumming, and cutting machines, seed bag machines, gum-mixers, scoring and card-cutting machines, illuminating, embossing, steam-imprinting and hat-tip presses, metal-sawing machines, patent clutch pulleys and counter shafts, new patent gas-heaters, and all kinds of small machinery. He established his business here in 1860, and has steadily maintained a front-rank position as an accomplished master



1860—The Bible House.

also manufacture hotel and burglar annunciators, and the high order of merit of their metal work is the best indication of its superiority. They fitted up some of the most prominent buildings in this country, and furnished bronze and brass for the New York Stock Exchange elevators, enclosures, and secretaries' offices, and the brass work in the following theatres: Standard, Windsor, Thalia, Broadway, Bijou, of New York City; Amphion, of Brooklyn; New National, of Washington, D. C., and Grand Opera House, of Detroit, Mich. They have fitted up vaults with bronze doors and mountings for some of the finest in this section, and also do an extensive business in bank and office railings, and are the patentees of the spirally interwoven lattice brass wire for elevators and office enclosures. All metal work is done here in the most artistic manner and skilfully executed, and all the resources and facilities of the house are used to promote the interest of its patrons in every possible way. The growth and prosperity of the house are only commensurate with the energy, skill, and industry of the partners, who are sedulously engaged in maintaining the character and quality of their various manufactures, and thereby meeting the demands of an active and critical trade. The patronage comes from all parts of the United States and Canada, and reflects the highest credit upon the ability and intelligence displayed in the manage-

ment of his trade. His business premises are spacious in size, and replete with all the requisite machinery necessary for the business, operated by steam-power, and steady employment is given to twenty experienced workmen. Among the important specialties here manufactured is the improved hat-tip press, with or without ink attachments, die-blocks, chases, patent Bunsen burner, and bracket and screw for the latter. The attention of the trade is called to the following points of excellence in this press, to-wit: 1. A light head, which is essential for doing work in different material, without losing much time for cooling. 2. A gas heater, which is fastened by a suitable bracket to the sliding-table, preventing the material to be printed coming in contact with the gas flame. 3. An extra long pair of springs to promote easy motion and also placing them high enough, so they will not heat and lose their temper, which is a great drawback in many other presses. Size of head 6x8 inches. Will take in a die 6 inches square. The trade of this house extends throughout the United States, and a fine growing export trade has been developed. Mr. Rau was born in Germany and came to this city thirty-two years ago. His ambition has always been to supply high class machinery that could not possibly be surpassed by anything else in the market, either for quality or price.

GEO. V. HECKER & CO. Croton Flour Mills. Office No. 205 Cherry Street.—A representative and old-established house in the metropolis, extensively engaged in the manufacture of flour, etc., is that of Messrs. Geo. V. Hecker & Co., whose Croton Flour Mills, are centrally located in Cherry Street. This business was established in 1843 by Geo. V. Hecker & Bro., and was conducted by them till 1874, when the present firm succeeded to the management. The Croton Flour Mills are among the largest and most complete in the United States, and have a capacity of 3000 barrels daily. Nothing that large capital, long experience, and talent can accomplish is wanting to maintain this reliable and progressive firm in the name of the New York milling business. The mills are not surpassed by any similar establishments in America, fitted and equipped as they are with the latest improved roller-process machinery and appliances. Messrs. Geo. V. Hecker & Co. in addition to producing vast quantities of the finest flour make a specialty of self-raising flour and buckwheat and griddle-cake flour, which are absolutely unrivalled for purity, quality, utility, and uniform excellence. Any one can make delicious buckwheat cakes, by using Hecker's unsurpassed self-raising buckwheat flour. The following testimonial, relative to Hecker's self-raising flour and buckwheat and griddle-cake flour, from Professor Henry Morton, President of Stevens Institute of Technology, shows that the materials used in these articles are agreeable, nutritious, and absolutely pure: "I have had occasion to make analyses of your self-raising flour and buckwheat and griddle-cake flour, on a number of occasions, not only for you but for others who wished to know what were the materials contained in these articles, and have for many years used them in my own family, and can testify most emphatically that they are agreeable, nutritious, and perfectly wholesome. The ingredients employed in their preparation are not only entirely harmless as so used, but have been recommended by the highest authorities in medical and physiological science, as the most wholesome, and in all respects desirable, preparations now known for the purpose of raising bread, cakes, etc." They also manufacture Hecker's wheat granules, a special natural food, prepared from the most nutritious part of the wheat in a form that can easily be digested. Its delicious nut-like flavor and saccharine taste give it new and peculiar qualities, which the most delicate appetites relish much longer than other cereal food preparations. It is an excellent substitute for oatmeal, more palatable, more easily digested; and more suitable for delicate persons and children, relieving constipation and promoting a healthy condition of the system. Chemical analyses prove that it contains the elements necessary for the production of muscle, bone, nerve, and brain, being rich in phosphates, and in the gluten containing the most essential of all nitrogenized food substances. It is not steam cooked, and therefore all the agreeable, natural flavor is retained. Its delicacy and remarkably wholesome qualities recommend it as an indispensable article of daily use. Messrs. Geo. V. Hecker & Co. carry on an extensive trade in all sections of the United States, and likewise export largely to the West Indies, Central and South America, Europe, etc. This firm is highly esteemed in mercantile circles for their strict rectitude, enterprise, and industry, and those forming business relations with this popular house may depend upon receiving that liberal and just treatment which has always characterized its dealings from its inception.

S. BING, Importer of Works of Art, Art Rooms, No. 220 Fifth Avenue.—A knowledge and a taste for the beautiful productions of Chinese and Japanese ceramists have of late grown wonderfully in America. Where but a few years ago we only knew one or two collectors and really cultivated amateurs of oriental art, we have now one hundred and more intelligent competitors for the very best that may be obtained; and collection after collection is springing into existence in this and other cities which are being made with more than a capricious taste or a passing inclination. Many are now surpassing in richness and beauty of examples the oldest of European. In fact our collectors are far ahead of those who acquired their treasures in former days, as the objects that left China or Japan (other than court presents) were of a much lower order. In later years by paying larger prices the dealers and others have induced the original holders to part with objects and treasures that formerly were not fully appreciated for their real value or merit. These conditions have, however, changed; we have now both ability and the means to acquire the precious productions of past centuries, and this country is rapidly absorbing the art treasures of the world. A visit by a collector or amateur to European

markets is no longer necessary, as an inspection of the rare and beautiful objects shown in the art rooms of the Paris firm of Bing will soon demonstrate. Here the walls are covered with the rarest Gobelin tapestries and embroideries, covering rich and costly cabinets filled with specimens of great value and variety, worthy of our best collections and museums. Mr. Bing's very interesting galleries in Paris must be known to all travelled Americans, and now he has seen fit to establish a branch of his house in our midst, recognizing the great future of this country; and it will be the aim of his American associates in this enterprise, being men of taste and experience, to keep the business abreast of our times. The rooms are more like a European museum, and a visitor is made to feel at ease, and is not importuned to make a purchase unless desired. The arrangements and display of artistic luxury met with here is a rare treat, which connoisseurs and art amateurs should not fail to see. Mr. Bing is a native of Paris, France, where his galleries, situated at No. 19 Rue Chauchat, were established twenty years ago, and is the largest establishment in all Europe. About eighteen months ago he opened the branch in this city, meeting with instant success in his venture owing to the superb character of his collection. The commodious premises which form his place of business are fitted up with tasteful elegance, and are provided with every convenience for the reception of visitors. The splendid display to be seen here embraces the choicest *objets d'art* in antique, bric-a-brac, bronze, porcelain, enamels and ornaments for household decoration in full variety, the whole being well worthy the attention of connoisseurs in these matters, and well deserving of a far lengthier description than our space allows us to indulge in. Mr. Bing imports these goods direct from the Orient and private collections abroad, and they are guaranteed to be genuine, and exactly as represented. His trade extends to all sections of the United States, and is steadily augmenting in volume; and with all with whom he comes in contact Mr. Bing wins the warmest esteem and regard. Mr. John Getz and Mr. Leon Thomas are the managers of the New York house; Mr. Thomas is from Paris, and Mr. Getz was for twelve years with the firm of Herter Bros. at No. 154 Fifth Avenue, where he gained an extensive practice, which has aided him materially in his present business, and to which much of its success is due.

HOME PROVIDENT SAFETY FUND ASSOCIATION of New York, No. 89 Liberty Street.—A question that presents itself for decision to the head of every family, is, "Should he possess himself of the advantages that experience has taught, and insure his life for the benefit of those dependent upon him?" To decide in the negative is to discriminate against sound sense and sober judgment; in the affirmative to be happy in the idea of a duty performed. The next question is, "What company shall be selected in which to insure?" And in answer to this we desire to commend the attention of our readers to the Home Provident Safety Fund Association of New York, which offers life insurance at cost. This association, organized under the laws of the State of New York, offers life insurance on the safety-fund system, wherein it claims that no company or system, in operation to-day, not founded upon identically the same principles possesses as perfect a plan of safe, economical, and equitable protection against the pecuniary loss which occurs by death as does this. Its organization was conceived with the idea of providing protection against pecuniary loss and distress caused by death, at a cost largely within the charges of the then existing life insurance companies. To accomplish this the safety-fund system of the association was adopted as the only one in which perfect trust could be placed. The funds of the company are invested in government bonds, and assurance is given that all liabilities, should any depreciation occur, will be fully and satisfactorily met, while an examination of the plan of the association will show that for brevity, conciseness, liberality and cheapness it is unexcelled. Since its incorporation eight years ago the company has developed greatly and its patronage is steadily becoming augmented to greater proportions. The following well known gentlemen form the board of officers: president, J. W. Merrill; secretary, George Gretsinger; managing director, N. Denison Morgan; assistant managing director, R. H. Flanders of Macon, Ga.; medical director, S. C. Robinson, M. D. The headquarters are located at No. 89 Liberty Street, and are comprised in a handsomely furnished suite of offices. All further information regarding this stable and prosperous institution will be supplied at the home office or at the branch agencies, and an investigation cannot fail to lead on to profitable results.

G. & R. HUTSON, House, Sign, Ship, Steamboat, and Decorative Painters, No. 214 West Street.—Of the numerous commercial industries of New York that are entitled to special mention in this review, that so prominently and successfully represented by Messrs. G. & R. Hutson, the well-known house, sign, ship, steamboat and decorative painters, located at No. 214 West Street, is of peculiar interest to the general reader. This firm are widely recognized as accomplished leaders in their line of enterprise, and have been established in the business here since 1848. In addition to their large business as practical painters, they are also extensive dealers in paints, oils, glass, varnish, brushes, etc., and make specialty of furnishing composition for the bottoms of ocean steamers, vessels, boats, and yachts. The premises occupied comprise a two-story brick building, 22x60 feet in dimensions, with storage and warehouse buildings in the rear, giving every modern facility for the accommodation and display of the immense and varied stock that is invariably carried. The assortment includes dry and mixed paints, white lead, varnishes, linseed and other oils, and everything required by painters. These goods are equal to anything in the market, and their reputation for quality, reliability, and general excellence is firmly established in the estimation of the trade. This responsible house is in intimate connection with the most famous manufacturers and buys its goods in large quantities, which facts give the firm marked advantages in goods and prices over other houses in this line. The proprietors are always prepared to execute painting, sign-writing, gilding, graining, kalsomining and paper-hanging, and pay special attention to yacht-painting. They give constant employment to a large force of experienced painters and decorators, and all orders and commissions are accorded the prompt personal attention of the proprietors, whose earnest desire it is to merit by the strict principles of equity and integrity a continuance of the liberal support already enjoyed. Their patronage is large, first-class, and influential with ship-yards, private yachts and ocean steam-ships, and they are universally popular in all their business relations. The Messrs. Hutson are natives of New York State, and noted for their sound business principles, reliable methods, and personal worth.

H. HERMANN HOPPE, Grinder, No. 46 Centre Street.—In a cosmopolitan trade centre like New York it may aptly be said that, inasmuch as all nations are represented within its limits, so alike are all sorts and conditions of industries to be found in active operation, and no better criterion can be formed of the gigantic character of the Empire City's enterprises when we find that what would otherwise constitute a mere auxiliary occupation often becomes a source of lucrative trade. In such connection we make reference to the grinding establishment of Mr. Hermann Hoppe, located at No. 46 Centre Street. This enterprise was established upward of fourteen years ago by its present proprietor, the character of its operations widening from year to year, till to-day the demands upon his time necessitate the employment of from six to eight skilled grinders in order to enable him to promptly execute the orders he is now securing. The premises occupied by the business consist of a spacious and commodious floor 20x70 feet in dimensions, equipped with adequate steam-power and every modern convenience and appliance known to the trade. The business conducted mainly relates to the grinding of razors and barbers' shears, and in this connection the house may be said to enjoy a well-earned monopoly. An assortment also of the best razors and shears is constantly kept on hand, and a specialty made of the repairing of all kinds of cutlery. Mr. Hoppe is a native of Germany and came to New York twenty-two years ago. He is an expert cutler and grinder, guaranteeing his work as superior in every particular, and is well deserving of the success he has achieved in his unique branch of industry.

J. D. JOHNSTON, Printer, No. 291 Greenwich Street.—Prominent among those having wide reputations as printers, lithographers, and manufacturers of first-class account books is Mr. James D. Johnston, who is doing quite a large, flourishing trade. The premises are neatly and tastefully fitted up, and have dimensions of 20x70 feet, and contain a large, valuable assortment of stationery of every description, including everything required in the counting house, together with a great variety of fancy articles that belong to the business, and also a general line of account and memorandum books of Mr. Johnston's own manufacture. All kinds of plain and ornamental and general job printing and

lithographing is done to order, a specialty being made of fine commercial and card printing. Mr. Johnston, who is a middle-aged gentleman, was born in New York, where he is well and favorably known in commercial circles, and is held in high estimation by all who have business dealings with him. He has occupied his present location since 1881, and always enjoyed a successful and prosperous career. He is an upright, honorable citizen and business man, well meriting the substantial patronage he receives.

J. JOSEPH & ASHTON, Manufacturers of Silk, Cassimere, and Opera Hats, No. 299½ Broadway.—This firm began business on January 1, 1886, and by superior work and active and able management have built up a large and prosperous trade, and secured a lucrative and highly appreciative market for their goods. The premises, consisting of two floors, 30x70 feet each in size, and conveniently arranged and fully equipped with all requisite methods and appliances for the advantageous prosecution of the business, and a force of twenty-five to thirty experienced hat makers is employed in the production of the fine work for which the house is noted. The hats turned out by this firm embody the highest degree of excellence in quality, style, and general workmanship, and are sold at prices much lower than those of many other manufacturers far below them in quality. A prosperous and fast-increasing trade is enjoyed, and already the general business is of most prosperous annual aggregate. Messrs. Joseph & Ashton are both practical and experienced hat makers, and their signal and well-merited success is but a small tribute to their active and able efforts in its promotion.

E. F. BRAINARD, Manufacturing Stationer, Printer, Lithographer, and Manufacturer of Fine Account-books, No. 66 Nassau Street.—Few departments of industrial and commercial activity have attained greater perfection or a more deserved reputation in New York than that of stationery manufacturing and its kindred branches. The competition has necessarily been great, but the result has been correspondingly satisfactory to the general public, as a higher standard of perfection is attained. Prominent among the representative houses of the trade is that of Mr. E. F. Brainard, of No. 66 Nassau Street. Mr. Brainard is noted as one of the most enterprising and successful business men in his line in the city. He founded his enterprise in 1871, and his business has been year by year growing in importance and popularity. He was reared in the trade, and has a thorough practical acquaintance with its every detail. His facilities are such that he is able to execute every description of INSURANCE and MERCANTILE printing in all its branches; account books ruled, printed, and bound to any desired pattern, of every size and quality. A specialty is made of blank-books, policies, blanks, calendars, in fact all manner of printed and lithographed forms for INSURANCE COMPANIES, Banks, and Counting-Rooms, on the most reasonable terms, and in these specialties a very large business is transacted. All work is promptly, thoroughly, and artistically done, and the fullest satisfaction is assured to customers, and patrons can always rely upon Mr. Brainard giving assiduous attention to their interests. He was born in this city, and is esteemed as an enterprising, progressive, and agreeable business man.

T. THOMAS OGLE, Veterinary Surgeon, No. 119 West Forty-sixth Street, between Sixth and Seventh Avenues.—Mr. Ogle has perhaps the best arranged infirmary for horses to be found anywhere in this vicinity. The building occupied for this purpose has a front of 40 and a depth of 90 feet. It is well ventilated and lighted, and fitted up with all the necessary arrangements and conveniences for the treatment and care of horses, who are always in charge of those well qualified for the duties, and are under the immediate direction of Mr. Ogle, who devotes his whole time and attention to their welfare, and as a veterinary surgeon has been remarkably successful; and it is a rare case indeed which fails to yield to the careful enlightened system and methods adopted by him. He has accommodations for 30 horses in the infirmary, connected with which is a stable where horses may be boarded by the day or week on reasonable terms. Born in Europe, Mr. Ogle arrived in New York many years ago. He is a member of the Veterinary Association, and has been practising his profession in the city since 1869, and each year his patrons are growing more numerous. He is highly recommended by merchants and citizens and owners of valuable horses, and his reputation for skill is such as to place him first among the successful veterinary surgeons in the metropolis.

HENRY SIEDE, Furs, No. 14 West Fourteenth Street.—The most noted fur house in the metropolis and in the country is that of Mr. Henry Siede, who came to this city from Germany, and in 1851 started the business which now bears his name on Maiden Lane. Later he removed to Prince Street and Broadway, and in 1880 to the premises now occupied at No. 14 West Fourteenth Street. After building up a trade with ramifications throughout every part of the country, and winning customers from the wealthiest and most refined families in the land, the founder of this great enterprise died in 1886, and he was then succeeded by his son and namesake, Mr. Henry Siede, who is a native of New York, and who was raised in the business under the immediate direction of his father. The premises now occupied for the business consist of salesroom and basement, each 35x100 feet in dimensions. These are very tastefully fitted up with and provided with every convenience and facility for the extensive display of fine furs and robes. All that may be included in the line of ladies' sealskins and other furs are to be found in the greatest variety in this establishment. It is an acknowledged fact that in fur goods of any description Mr. Siede is an authority and leader of the prevailing styles. He carries in stock the most valuable furs to be found in this country or Europe. In fact there is to be found here the furs of all animals that have been called upon to pay tribute to woman's fancies or man's wants. The costly garments for both ladies and gentlemen shown by Mr. Siede is at all times deserving of inspection, for the stock has been carefully selected with experienced judgment and excellent taste. The largest Bengal tiger-skin ever brought to this country can be seen in Mr. Siede's establishment. It is 16½ feet in length from tip to tip, and the animal is set up with full head and effectively displays his claws, etc. Here too is a fine representative of the "King of the Forest." The size and general build of this magnificent lion arrested the attention of Van Amburgh, the noted animal trainer and owner, while abroad, and he bought it for his menagerie in this country. During the voyage across the Atlantic, its keepers were obliged to kill it, so furious did it become. The late Mr. Siede secured the skin and preserved it in its present form. The trade-mark of this flourishing house is appropriately that of the indefatigable beaver, and Mr. Siede has on view a white beaver, believed to be the only one ever captured; indeed, there is a very fine collection of animals that is well worth making an inspection of. The firm employ from twenty-five to thirty hands in manufacturing garments from the very best furs, that have been dressed and dyed in the factories of the house. All work is guaranteed to be unsurpassed, and the prices are as low as those of any house in the trade. Furs of every description are received on storage for the summer season at moderate charges, and insured against loss or damage by fire or moths. Sealskin and fur-lined garments are kept without folding. The house makes a specialty of sealskin garments, using the very best goods of Alaska seals and London dye only. In small furs they show an endless variety, comprising all the various styles of muffs, scarfs, neck-bands, collars, shoulder-capes, boas, sealskin gloves, hats, caps, etc. In trimming furs, Mr. Siede shows every kind that the fur-bearing animals supply, and in all widths and prices; also sleigh-robes, carriage-robes, and floor-rugs in variety, from the little red fox to the great Bengal tiger. In gentlemen's furs he shows almost everything that style and comfort call for—driving caps, collars, gloves, gauntlets, fur-lined and sealskin overcoats, etc., etc. This house has a bright future before it, and the success now enjoyed is fully merited.

JOHN J. CUMING, Manufacturer of Fine Cigars, No. 27 Barclay Street.—Among the cigar houses of this city none is more worthy of honorable mention than that of Mr. John J. Cuming, whose establishment is located at No. 27 Barclay Street. The business was started in 1886 under the style of Cuming & Rosen, and in October, 1887, Mr. Meyer Rosen withdrew from the partnership. Since then the business has been conducted by Mr. Cuming with increased success. The premises occupied for the business comprise one floor of the building, which is 25x100 feet in dimensions. This is equipped with all necessary appliances for the production of the finest brands of cigars, for which the house has become noted, and for which there is a very active demand. A large number of hands are employed in the manufacturing department, and the house is constantly represented throughout New York and the adjoining States among retail dealers by travelling salesmen. The house enjoys a splendid trade, and this is gradually increasing in volume. Mr. Cuming has practical experience in this line of business, and is con-

ducting his establishment upon the lines of liberality and integrity. All goods sent out from his factory will be found to be exactly as represented. Mr. Cuming was born in Ireland, but was brought up in New York, where he has resided for the past thirty years. He is prompt and reliable in all his business relations.

T. HUGHES & SON, Wholesale Dealers in Country Produce, Fruits, etc., No. 681 Hudson Street and No. 32 Ninth Avenue.—The trade carried on in country produce, fruits, etc., forms one of the important industries of the city, and is well represented by men of capital, integrity, and enterprise, notable among whom is the firm of T. Hughes & Son, who are located at No. 681 Hudson Street. The premises have a front of 25 feet with a depth of 75, and extend through to Ninth Avenue, and as regards facilities and conveniences for business and storage purposes are complete and perfect in all their arrangements. The firm have connections throughout all the surrounding country and in the West, and are constantly in receipt of all kinds of produce and choice fruits, and supply a widespread wholesale demand and make shipments to various sections. The position of Messrs. T. Hughes & Son is such that they can supply the best articles at the lowest prices, and meet all demands and fill orders to the entire satisfaction of all who have business relations with the house. Mr. T. Hughes, the head of the firm, who came to New York from Ireland over a quarter of a century ago, was for some years engaged in the grocery trade in this city, which he relinquished in 1884 and established the business he is now engaged in, associating with him his son, Mr. James Hughes, and under the present firm name a large, first-class trade has been established. Mr. T. Hughes is one of the most prominent, influential, men in the line in which he is engaged, and sustains an excellent status in business circles. His son and copartner, Mr. James Hughes, is a native New Yorker, and a live, wide awake, energetic business man.

P. DUBREUIL (late with Miller & Co., of Fourteenth Street), Ladies' and Gentlemen's Fine Boots and Shoes, No. 13 East Sixteenth Street, between Fifth Avenue and Union Square.—The establishment of a new factory or store in one of the staple lines of business is a matter of some importance to the community, especially when it is wisely and well done, and its proprietor is a thorough business man, equal to the task of making good his venture, and fixing himself firmly in his business, and taking his place among the merchants of the city. Mr. P. Dubreuil, late with Messrs. Miller & Co., of Fourteenth Street, has within the past two years branched out and assumed the responsibilities of ownership in the manufacture and sale of high-class boots and shoes, and is located at No. 13 East Sixteenth Street. He thoroughly understands the business, and also the practical needs of the trade of the city in this line, for, though born in Montreal, he has been a resident of New York for thirty-five years, and has been employed in the boot and shoe business with a first-class house during the whole of that time. He makes a specialty of custom trade, and his work is of such a thoroughly good and first-class character as to both get and hold customers. Mr. Dubreuil is perfect master of his business, and is the possessor of all those sterling qualities, both natural and acquired, which are the sure precursors of success.

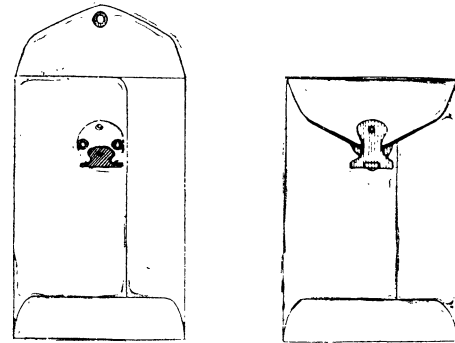
S. GOLDBERG, Dealer in Artists' Materials, No. 285 Sixth Avenue.—One among the most popular dealers in artists' materials in the city is Mr. S. Goldberg whose well-appointed establishment is located at No. 285 Sixth Avenue. He is well known to the artists and to the whole community of the city, and has in his well-conducted store one of the largest and best assortment of goods to be found in New York. He has had an experience extending over twenty years in the business, and is familiar with its every detail and the requirements of artists, and has the finest and best goods of both European and American production, which have been carefully selected and will be found in every instance strictly as represented. Mr. Goldberg, who was born in Germany and came to New York in 1866, and established business in 1872, is an unsurpassed judge of the value and quality of all the various articles denominated artists' materials and supplies, and is doing a large wholesale and retail business, and is highly recommended by many of the leading artists of the city as a reliable gentleman to deal with. Mr. Goldberg is a gentleman of high character and enterprise and enjoys the esteem and confidence of a large circle of friends and business acquaintances.

POMEROY & FISCHER, Varnish, Paints, Colors, Japans, etc., No. 30 Frankfort Street.—Varnish is one of the most important of all the aids to external and internal decoration, and few articles of manufacture have a more varied field of usefulness. Much of interest might be written of its history and mysteries, its manufacture and application, and of the transformation of the fossil gums, hidden for ages in tropical sands, into the mirror-like lustre upon the coach or piano; also of the progress made in its manufacture during the last half-century. A leading headquarters in this city for varnish, japan, colors, and paints is the establishment of Messrs. Pomeroy & Fischer, at No. 30 Frankfort Street. This firm are sole agents for the United States for Nobles & Hoare, the celebrated varnish and japan makers, of London, England, and established their business here in January, 1887, as successors to A. Keppelmann, No. 168 Fulton Street, who represented the London house for about thirty years. The London house has been in existence for some sixty years, and has a world-wide reputation for producing the most superior grades of varnish. Messrs. Pomeroy & Fischer are thoroughly experienced and practical exponents of this line of business, fully conversant with all the details and requirements of the trade, and are eminently popular and successful in meeting all its demands. They occupy spacious and commodious premises, and possess the best possible facilities for conducting the business under the most favorable auspices. They carry at all times a very heavy and valuable stock of these superior goods, and are prepared to guarantee the prompt and perfect fulfilment of all orders, of whatever magnitude. All the varnishes and japans offered to the trade by this responsible firm are recognized as unrivalled for quality, purity, reliability, and general excellence, and have no superiors in this or any other market, while the prices quoted are exceedingly low, considering the quality of the goods. The goods go wherever the article is used in this country, and are standard productions for railway and fine coach paints and the higher grades of cabinet varnishes. As agents for the London house, this firm are given a prestige in the trade that could not be acquired by any other means. The members of the firm are Messrs. Joseph Pomeroy and Fred. Fischer, the one a native of London, Eng., the other born in Germany, and known and esteemed in this city and by the trade everywhere as honorable, straightforward merchants and solid business men.

POTTER, JR., & CO., Manufacturers of Cylinder, Lithographic and Web Presses, Nos. 12 and 14 Spruce Street; branch office, No. 162 South Clark Street, Chicago.—The advances of recent years in the manufacture of printing presses are of the most remarkable character, and prominent in the van of progress is the celebrated house of Messrs. C. Potter, Jr., & Co., of Nos. 12 and 14 Spruce Street, this city. The business was founded in 1855, and has grown to proportions of great magnitude, the Potter cylinder, web, and lithographic presses being recognized as combining in the most thorough manner the latest improvements in press-building, including many patented devices exclusive to this concern. The copartners, Mr. C. Potter, Jr., Mr. H. W. Fish, and Mr. J. M. Titsworth, are possessed of vast practical experience, and are recognized authorities as regards printing-press construction. Their facilities are unusually perfect, including a factory at Plainfield, N. J., said to be the largest in the world devoted exclusively to the production of printing presses, and is fitted throughout with the latest improved machinery and appliances, and where upwards of two hundred hands find steady employment. The firm manufacture the most approved type of cylinder presses for job, book, and news work, and thousands of them are now in use all over the United States and Canada. Also in power presses for fine lithographic work the firm have supplied the most eminent lithographic establishments here and in the West. Their achievements in the production of perfect and fast web-presses for news work have made them world-famous. Their new web-perfecting presses best meet the exacting requirements of the great daily newspapers, and are being rapidly introduced into the leading press-rooms of the country, and turning out a class of work not duplicated by any other fast-printing machine in existence. Printers and publishers at a distance should send for the firm's illustrated descriptive catalogue. To meet the growing requirements of their Western trade, the firm some years ago opened a branch house in Chicago, at No. 162 South Clark Street, and from that western centre have introduced their presses into nearly every city of any importance in the Northwestern and Western States. Both as regards materials and workmanship the

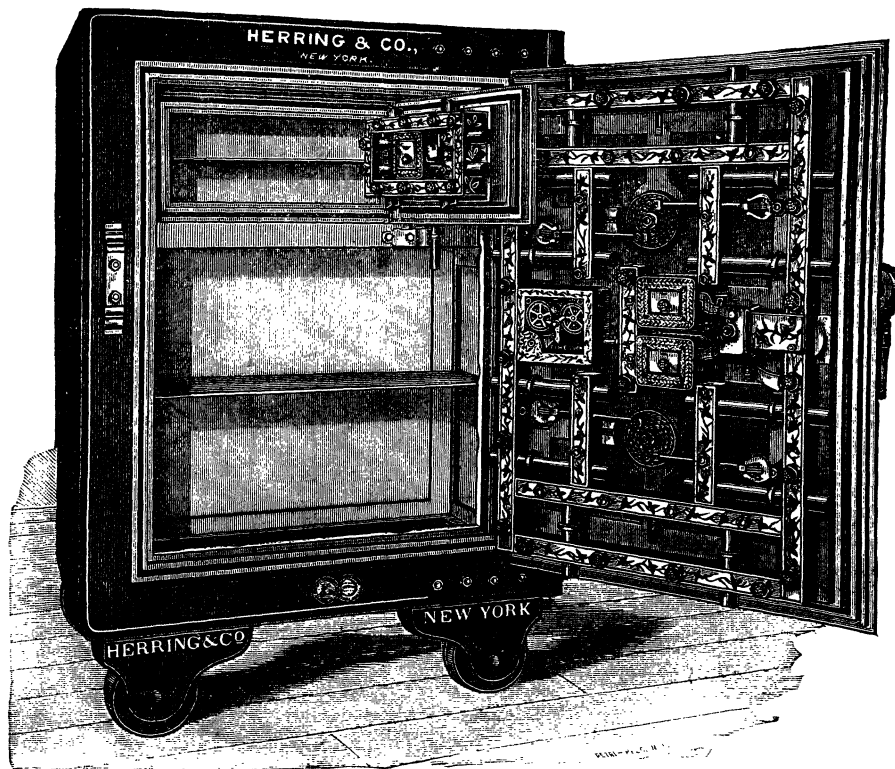
Potter & Co. presses command the highest encomiums of printers, and the prices are the lowest commensurate with the maintenance of the highest standard of excellence.

THE PATENT HANDY ENVELOPE COMPANY, P. H. Edwards & Co., Proprietors, No. 55 Dey Street.—Among the young and wide-awake establishments that sprung into existence in 1887 we find that of P. H. Edwards & Co. The business was inaugurated in November last by the present sole proprietors, and managed by Mr. Edwards, who being a steady and industrious young man, has, considering the short time he has been in business, attained a splendid reputation for good, honest work. The premises occupied are equipped in the most approved manner, with steam working cylinder and Gordon presses, and all appliances to execute every description of book, newspaper, and



general job printing, in a manner warranted to prove entirely satisfactory, while his prices are based on a fair and equitable scale. Estimates are promptly furnished on demand. Mr. Edwards is also the patentee and proprietor of the Patent Handy Envelope, something entirely new, for mailing samples of dry-goods, pamphlets, and all third and fourth class matter. It is the cheapest and most labor-saving envelope in the market. Send for samples and price list. The Patent Handy Envelope Company, P. H. Edwards & Co., proprietors, No. 55 Dey Street, New York.

D. L. VAN MOPPES, Importer of Diamonds, Rubies, Sapphires, etc., No. 2 John Street.—There is no country in the world that imports a larger number of diamonds and precious stones than the United States, whose remarkable wealth and growing prosperity enable her citizens to indulge in the luxury of wearing valuable jewelry. The representative and most successful house in New York city, actively engaged in this growing and important trade, is that of Mr. D. L. Van Moppes, whose office and salesrooms are located at No. 2 John Street. This business was established forty years ago in Paris and Amsterdam by Mr. D. L. Van Moppes; the New York house, however, was opened in 1878. Mr. D. L. Van Moppes manages the European establishments, while his son, Mr. Simon Van Moppes, is in charge of the New York business. The cutting and polishing works of this reliable and widely-known house, which are the largest and best equipped of the kind in the world, and furnish constant employment to four hundred skilled and talented operators, are in Amsterdam, Holland. Messrs. Van Moppes are experts in the diamond market, and their facilities for securing the finest diamonds, rubies, sapphires, emeralds, and other precious stones are unsurpassed in the United States or Europe. They import from South Africa and Brazil direct, large numbers of the choicest pure-water brilliants, including many beautiful stones, all the way up from one carat to twenty or thirty in size, some of which represent small fortunes. In rubies and sapphires they have in stock many matched stones of rare beauty; which cannot readily be duplicated elsewhere. Their prices are moderate, based on the intrinsic market value of the stones, and purchasers of diamonds, etc., from this noted house make one of the best investments of their money possible. Many of the leading houses in America purchase all their diamonds and precious stones from this old established house, whose reputation for just dealing stands second to none in the trade.



HERRING & CO., Manufacturers of Herring's Patent Champion Safes, Nos. 251 and 253 Broadway.—Special reference is made in this commercial and industrial review of New York to the old-established and representative house of Messrs. Herring & Co., manufacturers of Herring's Patent Champion Safes. This business was established fifty years ago by Mr. Silas C. Herring, who conducted it till 1861, when, after some changes, the present copartners, Messrs. Frank O. Herring and John Farrel, succeeded to the management, the firm being known by the style and title of Herring & Co. In 1881 Mr. Silas C. Herring, the founder of this extensive business, and also one of the organizers of the Importers' and Traders' Bank, died after a long, honorable, and brilliant career. The works of Herring & Co. are the largest and most complete of any engaged in manufacturing safes and safe locks. The buildings are 250 feet in length, facing the East River, on South Street at Gouverneur Slip, and extending through the block to Front Street. A pier and bulkhead on the river front afford facilities for receiving raw material, and for the direct shipment of completed work. A paint and finishing shop, a lock shop, a cabinet shop, the pattern-maker's shop, and the storerooms occupy three five-story buildings. Fire-proof safes are manufactured in an adjoining building, 75x150 feet on each floor. Improved machinery for cutting, punching, drilling, and planing iron and steel bars and plates are here at work under the management of experienced mechanics. The blacksmith's shop is in a separate building supplied with forges and steam hammers. Connecting with this shop is a room for the furnace used for hardening steel plates. Strong rooms, bank vaults, vault doors, and burglar-proof safes are constructed in another building. It is a model workshop, built expressly for the work designated. The ground floor is 100x120 feet, and it is open in the centre from floor to roof-truss, 30 feet in height. Some large machine-tools have recently been added to the equipment of this shop. Among them are four iron and steel planers which will work on plates twelve feet in length. A shear will cut through bars and plates $1\frac{1}{4}$ inches thick. On both sides and at one end of this great room are wide galleries occupied by the machinists doing the fine work required to make the elaborate system of bolts and the locking mechanism for burglar-proof safe and vault doors. Here are also made the special tools used in the various processes of manufacturing a complete safe. With these facilities, under the direction

of one of the firm, who gives his attention to the manufacturing, a superintendent, and a master mechanic as a foreman in each department the best safe and lock work in the world is produced. Four hundred and fifty operatives, mechanics, etc., are employed in the various departments, and the trade of the house now extends to all parts of the civilized globe. Messrs. Herring & Co. manufacture the best burglar and fire-proof safes which the experience, skill, and ingenuity of man have yet been able to devise and construct, secured by locks that have triumphantly withstood the attacks of burglars and skilled experts. Some few years ago Messrs. Herring & Co., in consequence of their union of metals standing the test better than any other combination of material, issued a challenge to all competitors, in the sum of \$1000, to produce a safe that will resist the drill and blow-pipe one half the length of time that their patented combination will; and that their safes with present improvements offer protection against drilling, sledging, wedging, explosions, and all burglar devices to an extent heretofore unknown. There are safes and safes, and some are better than others. The best are none too good, when such important trusts are dependent upon them. Buildings and goods may be insured, and their value recovered after loss by fire, but account books and valuable papers, upon which the proof or evidence of wealth depends, cannot be replaced if destroyed. Many safes have failed when tried by fire, and great loss thereby incurred, but these were not of the best make. Strong vaults and burglar-proof safes are provided for safe-deposit companies, banks and bankers; and in the construction of this class of work Herring & Co. have maintained the leading position. They have introduced many and valuable improvements, and the patents owned by the firm control inventions that are necessary in constructing the best bank work. This fact is well known in the financial world, and a majority of the safe-deposit companies, banks and bankers, including almost every bank in New York City, are provided with vaults and safes made at the Herring Safe Works. Seventy-five thousand of Herring & Co.'s safes are now in use in America and abroad. Mr. Frank O. Herring is a son of the founder, and has been brought up to this business. Both Messrs. Herring and Farrel are natives of New York. Herring's Champion Patent Safes, wherever exhibited, have been victorious over all competitors, and were winners of the award of 30,000 francs at the Paris International Safe Contest.

CONSUMERS' COAL CO., No. 640 Sixth Avenue.—To CONSUMERS OF COAL—A SUCCESSFUL CO-OPERATIVE COMPANY.—About six years ago the idea was conceived that there was a great deal of dissatisfaction among consumers of coal, owing to the uncertainty as to the quantity delivered and contracted for, as well as to its quality, and with a view to securing its patrons, the Consumers' Coal Co. was organized under the laws of the State of New York, and at the present time has in this city about a thousand shareholders. The consumers thus banded together now do a larger coal business than any other coal company in the city. The enterprise is sound in principle and popular with those who consider themselves victims of coal swindles, and has a safe foundation to carry on immense operations. They supply those who are not shareholders as well as those who are. The shareholders receive coal considerably below the schedule price, and are sure of the weight and quality, for a man would hardly try to swindle himself. The success of this attempt to lessen the necessary expenditures in the past, in the face of so many failures of co-operative plans in other things, is easily understood. Coal is an absolute necessity, a commodity that is not affected by time or fashion, and is well adapted in other respects to the co-operative idea in its best sense, as brought to highest success in England. Shares of some of these companies have actually increased one hundred fold, and it is almost impossible to procure the stock. Each shareholder in this company participates in its profits, and gets his coal five per cent less than the schedule rate, which is at all times as low as is consistent with the market. He has the privilege of buying coupon tickets, which are orders for coal and are transferrable. The discount on the coupons is $7\frac{1}{2}$ per cent. Those who are not shareholders buy of the company at the schedule rate. The good faith of the company has never been broken, and it is this general principle that has placed it first in the tonnage list of New York dealers. They deal direct with the miners, and are shippers as well as retailers. At their wharf they have a very extensive plant that enables them to handle some 3500 tons of coal per day with machinery which has only quite recently been introduced. This, with their storage capacity of some 15,000 tons, gives them advantages and facilities that are very desirable. The management of the company have confined their operations, up to the present time, to this city alone, and are soon to extend them, we understand, to other near cities, and finally to many distant ones. The result that has been thus far reached is a guarantee that knows no limit, other than to the length and breadth of the country itself. The management of the company is under the control of a conservative board of experienced business men, among whom is Mr. Henry Dexter, President of the American News Company; Maj. Gen. Daniel E. Sickles, of the U. S. Army; Mr. Sam'l N. Hyde, who has been for many years extensively engaged in the dry-goods trade, and was so long identified with the house of Messrs. Hoyt, Sprague & Co.; Mr. John H. Kneeland, a gentleman well known in the insurance business; Mr. Paul Coster, of the New York Central; Mr. C. Stewart Schenck, who is the President, and for a number of years prior to his having assumed the management of this company, was identified with the foreign shipping business; Mr. Sheffield Hubbard is acting as its secretary. The main office of the company is at No. 640 Sixth Avenue, and its wholesale department at No. 1 Broadway (Washington Building).

NEW YORK FIRE-PROOF PAINT CO., W. A. Lottimer, President, No. 85 William Street.—A BURNT CHILD FEARS THE FIRE.—How often we are startled by hearing the ringing and rattling of the fire engines as they go rushing past! How interested we are! We hurry to the window or the door and are rewarded by what? Perhaps by seeing a cloud of smoke, or, if at night, a lurid sky, but oftener by nothing more than the sight of people running after the engines. The temptation is too strong, we too must go and so we join the "madding crowd." At last, exhausted and out of breath, we reach the scene of the conflagration and see in flames one of the many, and perhaps beautiful, buildings with which our city is crowded. Awe-struck, we gaze and see the fire as it eats its way through story after story, until nothing but a heap of smoking ruins remains. Not infrequently we are appalled by seeing in the burning building persons in momentary danger of an awful death. How our admiration is kindled for the brave firemen, who, regardless of their own safety, toil to save life and property! At last, after superhuman efforts, the fire is under control; inch by inch, foot by foot, we see success crown the firemen's efforts. If we pass by there the next day we see only a mass of smouldering ruins, or perhaps a gutted building where once a noble edifice stood. Truly the sight is a sad

one. The various fire and insurance patrols and other officials at once set up an inquiry and find that the fire was due to a mere trifle: a defective flue, hot ashes in a wooden barrel or box, greasy rags in the dumb waiter or the elevator shaft, or to some other little thing, and that a pail of water at the beginning might have prevented much serious damage which now causes heavy losses to the insurance companies or others interested in the building. The important point is to confine the fire at its incipency, even when undiscovered, and thus prevent its spread; but how many ways have been tried to accomplish just such a result, and how have they succeeded? Truly all have failed; at least not all, for there is one way that all those who have tried have always pronounced of great value. It is to cover the wood with a substance that prevents the fire from taking hold of it and spreading; in other words, it is to make thoroughly fire-proof all the woodwork that enters into the construction of a building. This is easily and inexpensively done by a liberal use of a fire-proof coating, known as "Soteria," on all rough timbers, and of Vulcan fire-proof paint on all interior and exterior visible woodwork. Recent fires have clearly shown the thoroughly practical value of these products, for where they were used the fire burnt itself out without doing damage and without the aid of the fire department being solicited. Naturally these products have received the highest endorsements from insurance companies, railroads, architects, manufacturing interests and private individuals, wherever their merits have been investigated, and they are being largely and successfully used by a large number of them. A more thorough knowledge of these indispensable products can be obtained by writing to or visiting the office of the New York Fire-Proof Paint Co., at No. 85 William Street, New York, where valuable information can be had and where innumerable tests and testimonials can be seen. Besides the fire-proof and wood preserving products, this company manufactures specialties for the preservation of iron and brick-work from the deleterious action of water and of the atmosphere, and they invite the attention of railroad officials, insurance companies, architects, directors of estates, the shipping interests, and in fact of all who are interested in the preservation of their property from fire and decay.

JOHN DICKINSON, Importer of Diamonds and Carbon, and Sole Manufacturer of "Shaw's" Celebrated Glaziers' Diamonds, No. 64 Nassau Street.—This is one of the oldest and foremost as well one of the most responsible and successful concerns in its line in the world, having nearly reached the centenary of its existence. Founded in England in the year 1796, by John Shaw, the business soon after came into control of John Dickinson, the elder (deceased), who, coming to the United States in 1819, established himself in Philadelphia, where the house was conducted with unbroken prosperity up to 1843, when it was removed to New York. Nine years subsequently the business passed into the hands of Mr. Dickinson's son and successor, the present proprietor (and of the same name). The office and premises occupied by Mr. Dickinson are spacious, finely fitted up and completely equipped in every particular, while eight to ten in help are employed, including several expert workmen. A large and exceedingly fine assortment is carried constantly on hand, the stock comprising everything in the line of glaziers' diamonds and carbon points for all purposes, glass-cutters' sparks, glaziers' diamonds, patent pocket, plate-glass, and spectacle-glass diamonds, champion spectacle-glass cutter, with diamond, spectacle-glass diamond and carbon drills and lathe for driving, glass sign and burial-case carbon drills and lathe for driving, sharpening drills, plumbers' drills for marble basins, etc., lathe for driving same, reamers for gas-engine cylinders and gun barrels, broaches for journal holes, writing and microscopic diamonds, round and oval cutting machines with diamond, ventilator diamond cutters, engravers' diamond points, die sinkers' points, diamond draw plates for watch springs, watch and pencil case makers' points and burnishers, dentists' diamond drills and sapphire files, sapphire wheels for grinding glass and porcelain, diamond carbon tools, etc. Mr. Dickinson was born in Philadelphia, and is thoroughly conversant with the wants of the trade; being also patentee and sole manufacturer of shaped carbon points, "Shaws" celebrated glaziers' diamonds and "Dickinson's" patent key pocket diamond. Parties residing at a distance, having glaziers' diamonds that will not cut, can have them reset here by unscrewing the head in which the diamond is set (stating what kind of stock it belongs to, or if to cut thick or thin glass) and inclosing the same in a letter with \$1.75 to the above address. All diamonds reset here are warranted to cut. The trade is large and extends throughout the entire United States.



FAIRCHILD BROTHERS & FOSTER, Established 1878, Manufacturing Chemists, Manufacturers of Digestive Ferments, Pepsin in Scales, Extractum Pancreatis, Essence of Pepsin, Peptonising Tubes, Trypsin, Diastasic Essence of Pancreas, Peptogenic Milk Powder, Pepsin and Pancreatin Tablets, Pure Bile Salts, etc.; American Agents for Herrings & Co. and Burroughs, Wellcome & Co., London, Eng. Offices and Warerooms, Nos. 82 and 84 Fulton Street. European Agents: Burroughs, Wellcome & Co., London.—The following is from *The Pharmaceutical Era* of November, 1887: In these days of sharp business competition, ten years of the most assiduous and well directed effort rarely suffice to secure to a new firm in any line of mercantile or manufacturing enterprise more than a foundation for future success. It is few indeed who have the good fortune within a decade of taking a place in the front rank among competitors and winning a reputation which the rest may well envy them. Such good fortune implies in those who enjoy it extraordinary sagacity in seeing and energy in seizing opportunities. Among the rare instances of such a success, none is more conspicuous than that of the firm whose name appears at the head of this column. It is not yet quite ten years since the firm of Fairchild Brothers was established in New York city. The young men who associated themselves under this firm-name came originally from Stratford, Conn. They had received their preliminary education in the "district school," the Academy, and the private schools of their native town. The elder, Benjamin F. Fairchild, soon after leaving school, went to Philadelphia and entered the house of O. S. Hubbell, to study the art and mystery of the apothecary, with the definite purpose of availing himself of the exceptional advantages for pharmaceutical training which the city of Philadelphia afforded. After a year and a half with Mr. Hubbell, he went to Mr. Alfred B. Taylor, and under his protectorship he remained until he left the "City of Brotherly Love," with the experience and the knowledge gained by four years of arduous work and study and with the diploma which was to be the open sesame to further opportunities. With this preparation he found no difficulty in securing a position with the well-known firm of Caswell, Hazard & Co., at their Fifth Avenue establishment, in New York city. On the foundation of the new firm of Caswell & Massey, Mr. Fairchild cast his fortunes with them, accepting the position of chemist, which he held until 1878, when he

severed his connection in order to embark with his brother in an independent business. The younger brother, Samuel, also went to Philadelphia and placed himself with the elder under the tutelage of Mr. Taylor. He took his diploma from the Philadelphia College of Pharmacy in 1873, and went at once to New York, joining his brother in the employ of Messrs. Caswell, Hazard & Co. Desiring to leave the dispensing business, he secured a position in the house of McKesson & Robbins, with whom he remained until he embarked in business with his brother in 1878. The brothers, whose ages differ by less than two years, had thus been nearly all their lives intimately associated. Although young they had had a valuable experience and training in various departments of the drug business. If the one had experience with the wholesale business and acquaintance with the trade over a considerable territory, the other had a closer pharmaceutical training and practical experience in the laboratory and an extensive acquaintance with the medical profession, and so they happily united forces. That the firm "Fairchild Brothers" had during some three years of existence made steady progress and already won reputation and credit, was shown in the overtures then made by William Foster, Jr. Esq., a well-known capitalist of New York city, for a partnership for his son, Macomb G. Foster. Macomb G. Foster had been for four years with the firm of McKesson & Robbins, to which house he had gone after receiving his education at the Columbia Grammar School, with the purpose of learning the wholesale drug business and adopting this profession. His observation of the young firm across the way led to the unsolicited proposals which resulted in the copartnership of "Fairchild Brothers & Foster." With increased capital this firm was now enabled to extend its business with the advantage of a credit always maintained on a sound basis by the prompt meeting of obligations and by judicious management. The manufacture and introduction of pharmaceutical preparations in which from the outset this firm evinced originality and enterprise, now became the chief object of their attention. This department of their business assumed such proportions that in June, 1884, they disposed of their wholesale and retail business to Messrs. J. N. Hegeman & Co., reserving only the agency for the celebrated English firm of "Herrings & Co." Fairchild Brothers & Foster then moved from the quarters they had heretofore occupied at No. 60 Fulton Street to the spacious offices and warerooms in the

new building at Nos. 82 and 84 Fulton Street. From this time, the "digestive ferments" have had their almost exclusive attention, and with these products the name of "Fairchild" has become more and more identified. It was soon after beginning business that the attention of this firm was directed to the subject of digestive ferments by medical friends, who especially sought to obtain active pancreatic ferments. The study and investigation of these animal principles, the examination of the preparations conventionally known as "pancreatin" and "pepsin," awakened a conviction of the important rôle destined for these agents in practical medicine by virtue of their physiological properties, and also made apparent to them the practical worthlessness of nearly all the preparations at that time in the market for either experimental or practical purposes. To the development of the digestive ferments, to their manufacture, to their practical application in the pre-digestion of foods, and in other directions, this firm devoted itself with enthusiasm and energy and with results patent to the medical and pharmaceutical professions. In late years the subject of the digestive ferments has been a live one, both scientifically and commercially. The "Pepsin war" has enlivened the pages of our journals. In this contest and the litigation brought about through the alleged infringement of a patented process and product, "Peptone Pepsine." Messrs. Fairchild Brothers & Foster have been unconcerned so far as regards the originality and uniqueness of their "Pepsine in Scales." It is the use of the title "in Scales" applied to "Peptone Pepsine" which has constituted their *casus belli*. Fairchilds' pepsine being confessedly not a peptone, they have strenuously sought to protect the individuality of their product, and in furtherance of this have formally adopted the title "Fairchilds" as characteristic of their pepsine and of their products generally. Believing thoroughly that the digestive ferments possess *intrinsic* value which should ensure their employment and their prestige, they have sought to demonstrate these properties, and have insisted upon the necessity of as accurate nomenclature, statements, and methods, as applied to these agents, as is demand in dealing with drugs and chemicals. That the digestive ferments have now assumed great importance as objects of manufacture and of medicinal use is unquestionable. Messrs. Fairchild Brothers & Foster may justly be congratulated upon the part which they have played in their development and in obtaining recognition of their value. Among the well-known valuable and original products which they have successfully introduced may be mentioned: "Pepsin in Scales," free from any added substance or reagent and the permanent "powder" of this pepsin; "Extractum Pancreatis," the first pure, dry extract from the pancreas, exhibiting all the properties of this gland; "Essence of Pepsin," by direct maceration from the fresh calf stomach, representing the peptic and the rennet ferment; "Peptonising Tubes," for the pre-digestion of milk and other foods; "Trypsin," for the solution of the diphtheritic membrane; "Diastase Essence of Pancreas," active in the digestion of starch; "Peptogenic Milk Powder," for the preparation of milk as a food for infants. (This the originators and manufacturers consider the most important and useful application of the peptonising process, inasmuch as it affords a "humanised" milk that most remarkably resembles mother's milk in its chemical and physiological properties and physical characteristics. In the action of trypsin upon caseine they saw the factor which promised the solution of the problem of infant feeding, for under its action, caseine being transformed into the likeness of the albuminoids of human milk, there remains no necessity for the employment of mechanical attenuants such as baked flour, etc. The presence in all milk of a sugar peculiar to itself, a sugar elaborated in the animal economy as a food for animals, affords an unanswerable argument against the addition of foreign carbo-hydrates, sugars of malt, cane, etc. By restoring the deficiency of this sugar and the adjustment of fat and the alkaline and mineral constituents, there results an equivalent for mother's milk which is free from the foreign substances characteristic of the infant foods hitherto offered.) "Pepsin" and "Pancreatic Tablets" in various combinations. Also the "Modified Warburg Tincture," which has proven so useful in the treatment of malarial fevers; and other miscellaneous preparations. The "Pure Bile Salts," sodium glycocholate and taurocholate, have been recently offered by this firm as a means of facilitating the absorption of cod-liver oil by inunction. Several years since Messrs. Burroughs, Wellcome & Co., the well-known chemists of London, Eng., acquired the sole right and agency for the "Fairchild" preparations in Europe, Asia, Australia, etc. By this firm the reputation of the "Fairchild" products has been extended in all the prin-

pal foreign markets, and they have received honorable recognition abroad from distinguished sources. In this country Fairchild Brothers & Foster are the accredited agents for Burroughs, Wellcome & Co. Fairchild Brothers & Foster have also been intimately associated with a project of such importance and of such suggestive interest to all pharmacists, that it should here receive some mention. We refer to the foundation of the firm of Fraser & Co., of which firm Mr. B. T. Fairchild has been until very recently a partner. The Messrs. Fairchild were early in their pharmaceutical experience imbued with the idea that the pharmacist should not only find the most congenial and appropriate field in the strict line of legitimate pharmacy, but that this restriction of his practice was based upon common sense, and was distinctly in accord with the specialism which is the inevitable result of modern competition, and, moreover, that it could be profitably done. With these views, Mr. Foster being fully in accord, the firm decided to further the project as soon as opportunity offered. At this juncture, a fellow alumnus, Horatio N. Fraser, a pharmacist of high attainments, by chance communicated his intention of going into business, and upon him the cherished project was urged, and finally, at the urgent suggestion of medical friends, Mr. B. T. Fairchild personally associated himself in partnership with Mr. Fraser. At No. 208 Fifth Avenue, as Fraser & Co. announced, they opened a "Drug Store," where they proposed to confine themselves strictly to legitimate pharmacy and to devote neither time nor capital to dealings in other merchandise than that requisite in the practice of medicine. It did not require a second glance to see that this was indeed a drug store. It is only now, when the business of Fraser & Co. is an assured success and its reputation is firmly established, that Mr. Fairchild relinquishes his interest entirely to Mr. Fraser, with the desire to devote his undivided attention to the business of Fairchild Brothers & Foster. With regard to the *personnel* of the firm our reporter gathered, in an interview with Mr. Geo. J. Seabury, the following expressions, given as nearly as possible in his own words: "The concern represents a very happy combination of individuals, who are engrossed in their own work and prosperity,—each man in the right place. Mr. Samuel W. Fairchild is the business manager of the firm. Mr. Benjamin T. Fairchild is the scientific and studious member and a pleader for advanced, honest pharmacy; both of these gentlemen are well trained for their different departments. Mr. M. G. Foster is the silent but working member of the firm with his associates, contributing his own share in his own way, the three forming a very excellent triumvirate and trinity of good men. A firm that operates harmoniously is always bound to be successful; hence, their success. A divided family never succeeds. Mr. B. T. Fairchild is a scholar and a philosopher as well as a pharmacist. He is quite at home with Plato and Socrates, and is a great admirer of Goethe. His affections have always led him to champion any cause in the defence of pharmacy, whether it be professionally or commercially, and in that regard he has endeared himself to every progressive pharmacist in our country. This attitude he has voluntarily assumed, like every independent man, when an occasion presented itself, and many remember his sound and excellent views in projects that revolved about the interest of our professional and commercial affairs. His work has been largely original and the success of the firm will always bring him in as a prominent factor in a combination of men working out their own welfare. It is fair to assume that we may confidently look for further progress in their own special work, not by accident but by evolution."—*The Pharmaceutical Era*, Detroit, Mich.

G. EKLUND, de Paris, Cabinet-maker and Upholsterer, No. 104 East Twenty-eighth Street.—This gentleman has for many years been actively engaged in this branch of business and as an artistic workman has no superior. He founded his business in Sweden in 1862, continuing there with much success for a number of years, afterward going to the French capital, and coming to this city eighteen years ago. He has been located at his present address for the past ten years. Here he occupies a commodious store and workshop, covering an area of 30x80 feet, and fitted up throughout in the most approved style for the requirements of the business. The salesroom is filled with a stock of choice antique and inlaid furniture, the finest class of cabinet work, and a select assortment of upholstery goods. Mr. Eklund employs none but skilled assistants, and is prepared to execute promptly and satisfactorily orders for work of all kinds in his line, and is always moderate in his charges.

J. CASEY, Patentee and Manufacturer of Casey's Improved Cigar-box Machinery, Double-acting Printing-press, etc., No. 382 Hudson Street.—Inasmuch as cigar-boxes, which are made from costly wood, attractively trimmed and expensively labelled, can be used but once, they constitute, in the very nature of things, an enormous item of expense to the manufacturers of cigars; and therefore any invention, improvement, or discovery calculated to minimize the cost of producing these indispensable articles cannot fail to command the attention of the trade. Within the past few years, however, very notable progress has been made in this direction—conspicuously so in the efforts of Mr. J. Casey, the inventor, patentee, and manufacturer of "Casey's Improved Cigar-box Machinery," double-acting printing-press, and kindred devices, No. 382 Hudson Street, this city, whose productions are destined to

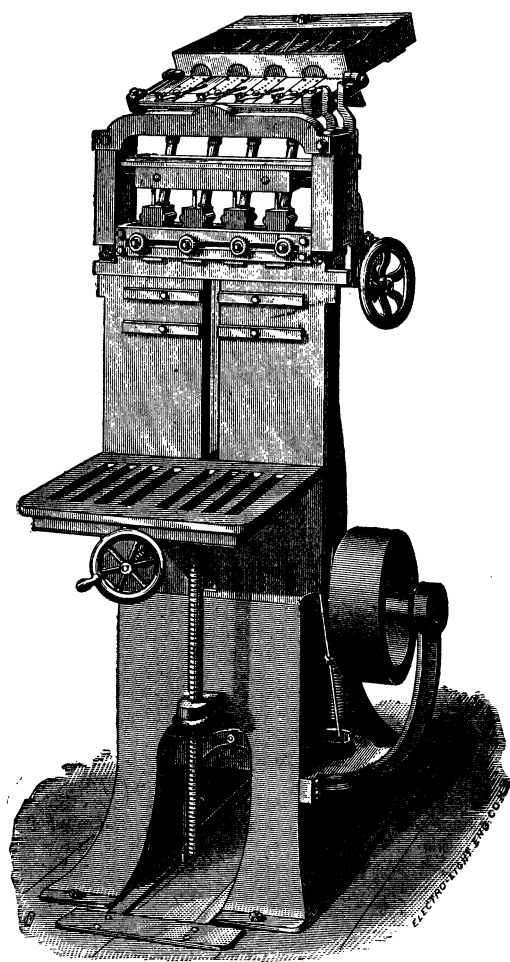


Fig. 1.

effect a complete revolution in the branch of industry in which they are intended to apply, while they have already secured for the gentleman to whose genius and enterprise their construction and perfection is due a wide reputation for skill and ingenuity, and which, unless all signs fail, will gain for him also the substantial reward their unequivocal merit justly entitles him to. A few years ago, Mr. Casey, who is a comparatively young man (having been born in Ireland in 1845, and brought to the United States when in his sixth year), conceived the idea of engaging in the business with a view of studying the practical workings of cigar-box-making machinery, feeling confidence in his ability to introduce mechanical devices by which these boxes could be produced by cigar-manufacturers themselves at a vastly decreased cost, without additional factory premises

or incurring extra risk, rent, or insurance. And that he has been eminently successful in attaining these desiderata is amply attested by the fact that the entire series of machinery, which were all improved in 1887, have passed the closest observation, comparison, and experiment of experts, who pronounce them to be in every feature of merit immeasurably the most important and effective appliances of the kind yet introduced. These inventions include double-acting printing-press, steam packing and cigar-box-nailing machines, rip and cross-cut saws combined, and other kindred machinery, with which cigar-boxes can be manufactured complete without any hand work, including even a device for printing on the boxes, all of which may be seen in operation daily at Mr. Casey's establishment, No. 382 Hudson Street. The Casey Double-acting Printing-press (see Figure 1, back view), which was patented in 1887, occupies as floor space only four feet square, and weighs about 2300 lbs., has double ink-fountains and a rotary ink-distributor upon both sides, over which, on each side, there are form-rollers and ink-fountains. When one impression is on the other is off, thus relieving the machine from extra strain,—which is about the same as that on an ordinary jobber press,—while two colors can be run at the same time, one upon each side. The cut as here shown presents the press as adapted to cigar-boxes, which can be printed on either before or after being nailed; also for printing ribbons for cigar and for embossing work, and is self-feeding, while it may be used for work on wood or paper equally well. This machine is to be built with a double embosser for book-binders' use also. Another noteworthy feature of this marvel, in its way, is a double-acting brake (patented August 30, 1887), by which the operator has control over the press on either side (as shown in cut), a treadle being on both sides. The rollers and distributors are always in sight of the operator, and the impression is easily regulated, being adjusted with hand wheels. In the forthcoming press, designed especially for book-binders, embossers, etc., each side of the apparatus will work independently, and can be built for printing and embossing of every description, and in any size. The nailing-machine (Figure 1) is a self-feeder, the nails being dumped into an extra box holding fifty pounds of nails, from which the regular feed-box is supplied. It feeds any number of nails (the cut being a four-nail machine), and feeds them in any required combination. An easy adjustment likewise enables the operator to centre a nail in inch stuff at one stroke, and in half-inch stuff at the next. The operator handles the box on an automatically adjustable table, while the simple touching of a foot-lever operates a friction-pulley, which works the machine. Mr. Casey also manufactures a brush-nailing machine, which possesses all the adjustable appliances especially adapted to the nailing part of this branch of industry, and which nails through tin or galvanized iron as well as wood, the old method of punching the holes being entirely done away with, as the punching and nailing are effected in one operation by this device. The attention of brush-makers is here directed to Mr. Casey's smoothing-machine also, as being very desirable for their use, as it enables them to smooth any part of the brush, whether flat or oval, with great rapidity. Mr. Casey is also patentee and manufacturer of a machine for nailing fruit, soap, and packing boxes, which has a capacity for feeding and driving from four to six hundred nails per minute, and which will soon be placed on the market. Figure 3, as shown in the cut, is a combination of four machines, viz., rip-saw, cross-cut sand-papery, and box-trimming machines, and is a really meritorious and ingenious device. This is virtually four machines in one, and each can be operated independently of the other. The sand-paper machine is a simple but effective smoothing appliance. The broad horizontal belt, which constitutes its principal feature, runs with great rapidity over four pulleys, and presents a large friction-surface. The ends and sides of the stacks of wood, sawed to their proper sizes, are held—a dozen or twenty pieces at a time—in contact for a moment with this belt and become perfectly smooth. The advantages of this machine are obvious. The varying grain does not permit the rapid use of the plane across a number of pieces at a time, but this belt smooths quickly and with equal facility, whether working with or against the grain, and finishes a practically unlimited number of pieces of wood in the shortest time it can be done. A notable feature of the machine is its economy, requiring no regular attendant, as it does its work so rapidly that the workers of one of the other machines can do enough with it in a few minutes to supply the nailers for hours. Mr. Casey has purchased a water-front on the New Jersey side of the Hudson, opposite One Hundred and

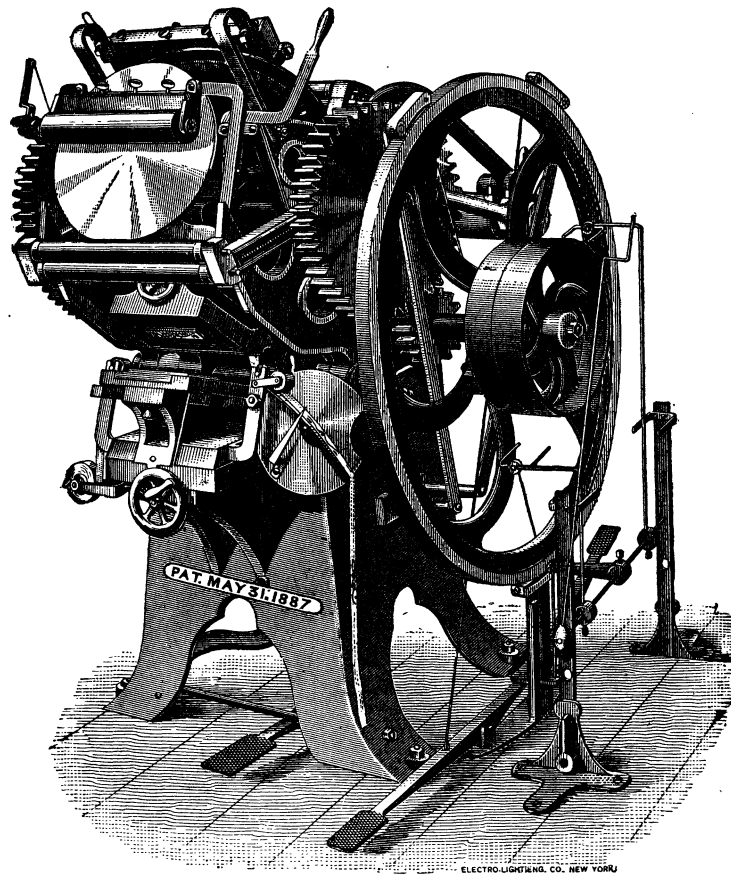


Fig. 2.

Twenty-fifth Street, for the erection of a factory, where his machines will be built upon a large scale. His facilities here will be the best,

enabling him to constantly improve his machines, and keep him up to the highest standard of excellence.

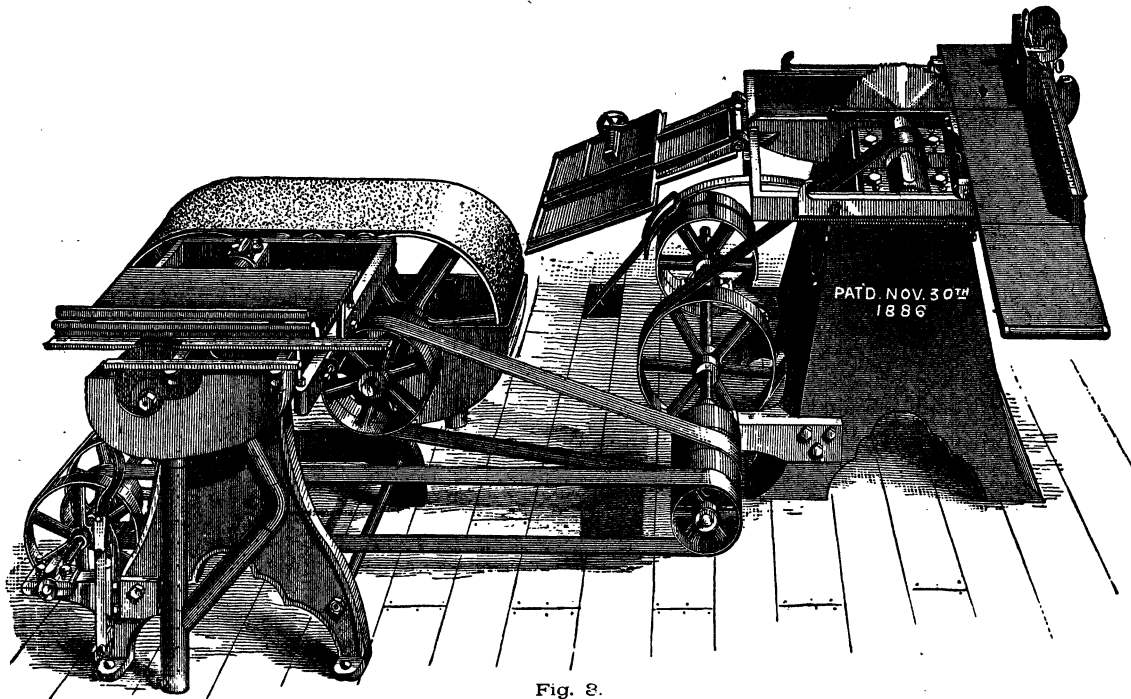
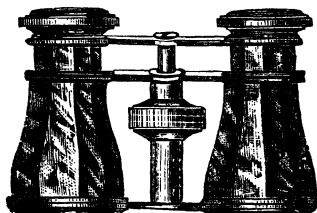


Fig. 8.

H. WALDSTEIN (Established 1840), Optician, 41 Union Square. —During the past half century steady advance has been made in the interesting and important branch of activity devoted to the construction of devices for aiding and extending the power of vision, optical instruments, and kindred philosophical and scientific apparatus. And in this connection special attention is directed to H. Waldstein, optician, whose spacious and attractive establishment is eligibly located at No. 41 Union Square, and who is recognized as one of the leading exponents of the art in the United States, as well as one of the oldest and best known in this line in the metropolis, having for close upon fifty years maintained an A1 reputation for skill and reliability in this city, while his products are in constant and increasing demand in the trade throughout the country. The instruments and optical goods manufactured by him have a national reputation, and are not surpassed, if equalled, in any feature of merit, in effectiveness, construction, design, finish, or durability, by the products of any contemporaneous establishment. It has long been the aim of competent specialists of the medical profession to attain the perfection of instruments to aid the defection now so common of impaired hearing, without any noticeable results. After long and patient study on this subject Mr. Waldstein is able to offer superior instruments of his own construction. His aim has been to make the debility as unnoticeable as possible, and have patented contrivances by which the comfort of the afflicted is greatly increased, and the annoyance of publicity of their infirmity is obviated. He has adopted the form of a walking cane or umbrella for gentlemen, and parasol for ladies, as the conveyor of sound of great strength, the application of which being so natural that the uninitiated remain in ignorance of any artificial means of hearing. By simply holding the cane, umbrella,



or parasol to the ear (as indicated by illustration), the hearing is so much strengthened that the person can distinguish any conversation held in a room. In cases of only slight defects in hearing he recommends his invisible



ear cornets; for a greater degree or partial deafness the silver ear cornet, so constructed that it remains in the ear without holding, is a highly recommendable article. He furthermore makes a full line of improved cornets and ear trumpets of various designs for higher degrees of hard hearing; and as a special article for extreme deafness, he constructs an ear trumpet of large dimensions, so that the user can distinctly hear music or conversation at a quite considerable distance. He is always ready to show and explain his instruments, and solicits a visit of any person interested, when he will be able to advise the proper remedy to adopt for all cases of hard hearing. All the instruments are scientifically constructed under his personal supervision, in which he has an experience of over forty years. Mr. Waldstein was born in Germany, but has resided in New York many years. He is a practical and expert optician, with long and varied experience in the exercise of his art, and is a thorough master of the same in all its branches, mechanical as well as scientific. The premises occupied are 20x80 feet in dimensions, and are neatly appointed and well-ordered in every respect, while four or more efficient assistants are employed. An extensive and magnificent stock is constantly carried, embracing eye-glasses, spy-glasses, spectacles, and optical goods in great variety, elegant opera, field, and marine glasses

of every size, style, and design, telescopes, astronomical and hydrostatic apparatus, and a complete and A1 assortment of philosophical and scientific instruments of all kinds, and the patronage of the house, which is exceedingly large, extends throughout the entire United States.

MANAHAN PARCHMENT AND MOTH-PAPER WORKS, No. 6 Reade Street.—In this changeable climate it becomes essential for the maintenance of health that our dwellings, offices, stores, and workshops should be thoroughly freed from dampness, and so constructed as to prevent draughts, except at the will and desire of the occupants. There are many devices put upon the market for the accomplishment of these desiderata. Among the most meritorious of these which have come under our observation is Manahan's Air-tight Sanitary Parchment for sheathing, and also for decorators' uses. This parchment material possesses extraordinary toughness, and will bear any amount of rough usage. It may be rumpled like a piece of cloth, pulled about in any fashion, without in any way deteriorating or destroying its usefulness. The older it becomes the harder and more skin like does it grow, and it will stand paint first rate. It is medicated to purify the atmosphere, to prevent fevers and vermin, and destroy foul gases, etc. This parchment is made up in rolls three feet wide, and containing five hundred and nine hundred square feet in a roll, at \$2.90 per roll. A dollar's worth of this parchment will cover a greater space than a dollar's worth of the most common sheathing. For keeping out dampness, wind, cold, and dust, the parchment is efficacious and durable. It is manufactured only by the Manahan Parchment and Moth-Paper Works. The manager of this concern is Mr. Thomas Manahan, who also manufactures excellent moth-paper, which has commanded a large sale. For more than thirty years he was a dealer in wrapping-paper in this city. Since 1855 he began the manufacture of moth-paper, and in 1882 started the production of parchment, and his business relations extend to all parts of the country. He occupies spacious premises, carries an extensive stock, and employs a large number of hands.

JOHAN P. SHOTTER, Manufacturer and Printer of Flour Sacks, Paper Bags, etc., No. 85 Warren Street.—This thriving enterprise was started in 1869 by the present proprietor, and from the inception of the business Mr. Shotter has enjoyed a large and substantial patronage. He occupies a 20x70 foot floor, which is supplied with ample and excellent facilities, and completely equipped in every particular with the best appliances and general appurtenances, while from six to ten expert hands are regularly employed. Besides the manufacture of flour sacks and paper bags of every description, Mr. Shotter also deals quite extensively in wrapping and writing papers, twine, grain bags, cigar bags, and kindred articles, while a full and fine assortment of commercial stationery of all kinds is constantly carried. General job printing likewise is done with neatness and despatch, four jobber presses being in service, while the proprietor devotes close personal supervision over all departments of the establishment, and altogether a very fine business is carried on. Mr. Shotter, who was born in England, has had thirty years' experience in the trade.

CHAS. E. LITTLE, Dealer in Hardware, Tools, and Machinery, No. 59 Fulton Street.—This is one of the oldest hardware houses in the United States. It was established in 1760 by Van Wagenen Bros., who were succeeded by Charles Osborn. In 1832 Mr. Chas. L. Little became owner of the business and continued it till 1872, when he died, after a successful career. His son, Mr. Chas. E. Little, who has had great experience in the hardware trade, is now sole proprietor. The premises occupied comprise a spacious store and basement, 25x90 feet in dimensions, fully equipped with every appliance and facility for the successful prosecution of the business. Mr. Little deals largely in all kinds of hardware, tools, and machinery, and is the New York agent for the W. F. & J. Barnes workshop outfits. All the tools and specialties handled by Mr. Little are unrivalled for quality, utility, reliability, and excellence, and have no superiors in this city or elsewhere. Mr. Little promptly fills all orders at the lowest possible prices, and the trade which is both wholesale and retail extends throughout all sections of New York and the adjacent cities. Mr. Little is a native of New York city. He is held in the highest estimation by the community for his sterling integrity, and well deserves the large measure of success attained by his business ability and energy.

VAN VALKENBURGH & RONK, Commission Merchants; Specialties, Butter, Cheese, Eggs, and Poultry, No. 288 Greenwich Street, One Door from Chambers Street.—There is no city in the Union that offers such unsurpassed advantages for the prosecution of the commission business as New York, because of the superb transportation facilities possessed and the vast market open to the operator in this line. One of the leading of the most prominent houses engaged in this department of commercial activity is that of Messrs. Van Valkenburgh & Ronk, who established their enterprise in 1863, and from that year have been conducting a prosperous and steadily growing trade, until now their operations extend to all parts of the United States. The centrally located premises in which they carry on trade is a fine five-story building with basement, 25x80 feet in dimensions, conveniently appointed throughout for all requisite purposes. Here an extensive stock of butter, cheese, and eggs may



Bowery Savings Bank.

be found at all times, and of such quality and at such prices as invite the inspection of dealers generally. All goods are received direct from producers; hence the inducements offered to consumers are unsurpassed by any contemporary, while the large trade of the house enables the firm to quickly dispose of goods and make prompt returns to consignors, a fact that all shippers will appreciate. The copartners, Messrs. B. F. Van Valkenburgh and H. K. Ronk, are both natives of this State, the former having been born in Green County, the latter in Ulster Co. Mr. Vankenburgh was one of the founders of that valuable institution, the New York Mercantile Exchange, and was a member of its Building Committee. He is Assistant New York State Dairy Commissioner, and has had charge of all the prosecutions in New York, Brooklyn, and other cities in the southern part of the State for violation of the laws regulating the sale of oleomargarine. The effect of this law, in the hands of Mr. Van Valkenburgh, has been to practically drive oleomargarine out of the market. The general public are under the impression that this article can be sold, when it bears the stamp "oleomargarine" upon it, but this is not the case, as the law states it shall not be manufactured in imitation of butter, and while the law does not prohibit in words, it has practically

that result. Mr. Ronk is one of the oldest, and is still among the active members of the Exchange, and has also greatly aided its interests. Both gentlemen are recognized leaders in mercantile circles, are public-spirited citizens, and their unblemished business career is one to which they can point with pride.

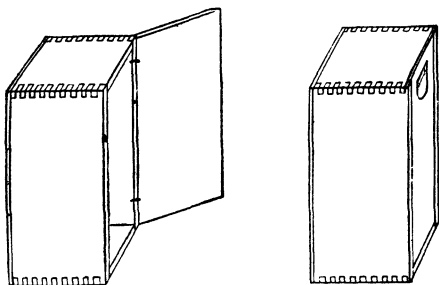
DEININGER & TIENKEN, Commission Merchants and Dealers in all kinds of Country Produce, No. 90 Murray Street.—Among the well-known produce commission houses in the city there are none having a better representation or controlling a more substantial business than that of Messrs. Deininger & Tienken which is located at No. 90 Murray Street. Mr. J. P. Deininger, the head of the house, is one of the old representative experienced business men of New York, and for a quarter of a century has been engaged in business affairs and has devoted much time and attention to the produce trade as a commission merchant. He established himself in business in 1876 and in 1882 associated with him Mr. Wm. Tienken, who is a young, wide-awake business man, whose experience in the trade extends over ten years. Commodious premises are occupied by the firm, the dimensions of which are 20x70 feet, and are arranged with a due regard to storage purposes and for business operations. The firm has a wide acquaintance through the State of New York and the West, and are constantly receiving choice country and dairy produce of all kinds, dried fruits, etc., from shippers and their correspondents, for which a ready sale is found. As commission merchants and dealers the house stands high in business circles, and Messrs. Deinenger & Tienken enjoy the confidence of all who send them consignments, and those who have business relations with them. Mr. Deininger is a German by birth, and Mr. Tienken is a native of New York, and both are very popular in the community.

TELL A. BEGUELIN, Importer of Watches, Watch Materials, Tools, and Glasses, No. 71 Nassau Street, Corner of John Street.—One of the important developments of the wholesale trade of the metropolis is in the line of watches, watch materials and tools. From very small beginnings during the early years of the present century this branch of the city's commercial activity has grown to enormous proportions, and in the way of capital, talent, and enterprise have the members of the trade achieved an unqualified success, and made New York the permanent centre of the business for the country at large. Prominent among the representative importing houses in the trade is the old-established one of Mr. Tell A. Beguelin, of No. 71 Nassau Street, importer of watches, watch materials, tools, and glasses. The business of this establishment was founded in 1852 by Messrs. Ginnel Bros., who, in 1867, were succeeded by the present proprietor, who brought to bear persistent industry and legitimate business methods, resulting in the building up of a large and permanent trade. Mr. Beguelin's premises are very tastefully fitted up and appointed, and he keeps in stock the best watches that human skill and ingenuity can devise, and his business is of a correspondingly first-class character and magnitude. He makes a specialty of handling first-class American watches, and fills orders from the trade from the Atlantic to the Pacific coasts. Mr. Beguelin is a native of Switzerland and for twenty years has resided in New Jersey.

HUGO CAHN & Co., Manufactures and Importers of Corks, No. 67 Murray Street.—That peculiar species of the oak tree, the *Quercus Luber*, whose bark is the cork bark of commerce, is apparently indigenous to the soils of some parts of Europe. It is of a healthy growth in the southern parts of France, and particularly in Spain, where the bark is stripped from the trees in the months of April to June, without deteriorating the tree. From these countries the bark cork used in America is imported and the business of shipping this commodity to our shores and of cutting it into various sizes of corks and bungs is one of great concern. An active and successful house engaged in this line of enterprise is that of Messrs. Hugo Cahn & Co., at No. 67 Murray Street, New York. They keep one of the largest stocks of corks of all descriptions. In connection with their trade in machine-cut corks they import largely all fine grades of hand-cut corks, and also handle quite extensively all kinds of supplies for bottlers and brewers. The copartners in the enterprise are Messrs. Hugo Cahn and Joseph Brussel. Comparatively a young firm, they have developed, by honest dealing and strict attention, a trade of large proportions and one reaching into every section of the United States and Canada.

PAULS BROTHERS, Manufacturers and Importers of Cutlery, No. 80 Chambers Street, between Broadway and Church Street.—Messrs. Pauls Brothers were born and reared in the trade in which they are now engaged, the manufacture and importation of cutlery. Their father has been in the same line of business in Germany, where he now conducts his enterprise under the style of A. & A. Pauls. Messrs. Pauls Brothers left the "fatherland" and came to the American metropolis in 1881, and founded their enterprise at their present location, where they occupy one floor, 25x80 feet in dimensions. The firm employ a number of artisans skilled and cunning in the manipulation of iron and steel who are constantly employed, and the products of whose hands are cutlery of all kinds, including surgical and veterinary instruments. The firm are also extensive importers of cutlery and sharp instruments of every description. The stock carried is a large and comprehensive one, and it represents the products of the most celebrated cutlery manufactories of Europe and America. The goods are guaranteed to be of the first quality, and these are offered at prices with which no other house can successfully compete. The firm have all the necessary facilities for successfully conducting their business, and are honest, straightforward business men, and have built up a large, lucrative wholesale trade with all parts of the country.

S. H. GREEN, Lock-corner Wood Boxes, No. 15 Park Place (after May 1st, No. 22 Park Place).—Mr. S. H. Green has been established for the past ten years and has achieved a deservedly high reputation in his vocation. The extensive premises occupied are divided into a salesroom and manufacturing department, are fitted up throughout in the most complete and approved style, and every facility and appliance is possessed for the prosecution of the industry. Mr. Green employs a corps of experienced assistants, whose operations he personally superintends, and the range of man-



ufacture comprises the making of plain and fancy boxes for jewelers' and confectioners' use, and for all purposes where light boxes are required. The boxes are made in the most substantial manner, have lock corners, and are unsurpassed by any similar goods now in the market. A heavy stock is carried to meet the wants of the trade. Mr. Green, who was born in Indiana, has resided in New York for the past thirty years, the last thirteen of which he has been engaged in his present line of business.

ACKERMANN BROS., Roller Mills, Office and Depot No. 701 Greenwich Street.—With invention, improved methods and superior quality of grain, a high degree of excellence has been attained in American flour within a decade or two. Among the leading and noteworthy firms engaged in this line may be mentioned that of Ackermann Bros., roller process millers, of Young America, Minn., manufacturers of and dealers in best grades of Patent Roller Flour, with New York office and depot located at No. 701 Greenwich Street, under the management of Mr. C. Ackermann, the resident partner here, and whose products have secured an enduring hold on popular favor throughout the entire country. This flourishing enterprise was started in 1864 at Young America, Minn., by C. & J. Ackermann, the style changing two years subsequently to Ackermann Bros., who in 1876 established the house in this city, and the positive and permanent success that has attended the venture from its inception amply attests the superior quality and reliability of the flour, as well as the energy and ability displayed in the management of the business. The mills are large and commodious, with ample and excellent manufacturing facilities, and are equipped with the latest improved machinery and appliances,

while from twenty-five to thirty hands are employed in the concern, the capacity being upward of one hundred and fifty barrels per day. The premises occupied at No. 701 Greenwich Street include a 25x100-foot store and basement, and a heavy and first-class stock is constantly carried on hand, while several assistants are in attendance also, car-load lots being a specialty, and the trade of the firm, which extends all over the United States, is exceedingly large. The firm is composed of Messrs. William, Chris, and Julius Ackermann, brothers, who are natives of Germany, but residents of this country many years.

R. TOBIAS' Medicines; Depot, No. 40 Murray Street.—No small attention has been given to the cure of diseases in horses, and the result has been the placing upon the market of a class of remedies for certain ailments of more or less efficacy. Among the most popular of these are, Dr. Tobias' famed medicines, which have been before the public for the past forty years and successfully withstood the most rigid adverse criticism and the severest tests. The late Dr. Tobias, who was a native of England, whence he came to New York in his boyhood, began business here in 1847. During his life his preparations—Venetian liniment, pulmonic life syrup and derby condition powders gained fame in all parts of the American continent and in Europe. Indeed, these medicines are put up in all languages and shipped to all parts of the civilized globe. The doctor died in 1887, and his heirs have since continued the business with the same marked success. The premises occupied for the manufacturing of these remedies are at No. 40 Murray Street, comprising three spacious floors. About ten assistants are employed, and a vast trade is done both at home and abroad. Thousands of physicians now recommend Dr. Tobias' Venetian Liniment in their practice, thereby acknowledging its wonderful curative properties; and it would be difficult to-day to find a respectable druggist who has not a fresh supply constantly on hand, so great has the demand become.

KRUSE & BARON, Manufacturers of Hammered and Repousse Lamps and Lamp Mountings, etc.; Nos. 207 and 209 Centre Street.—This firm are extensive manufacturers of hammered and Repousse lamps, lamp mountings, jeweled lamps and cuirasses and artistic lamp goods in bronze and brass, and also give skilful attention to metal spinning in all its branches. They established their business here in 1877, and have conducted it with marked ability and steadily increasing success. They occupy a fine large workshop, equipped with all necessary tools, appliances, and modern machinery, operated by steam power, and employment is regularly given to twenty to thirty skilled hands. Only the best materials are utilized, and from the commencement of their business the firm determined to employ only the best of skilled labor, and the result is that the goods turned out by them are absolutely unsurpassed for elegance, utility, beauty of design, and fine workmanship by any similar establishment in the country. Only a fine class of goods are produced. The fine facilities possessed for rapid and perfect production enable the firm to name its productions in prices that are as rare as they are profitable. The members of this firm are Messrs. Friedrich Kruse and Louis Baron, the former a native of Germany, the latter of this city, and both gentlemen of high reputation and standing with the trade throughout the country.

VINCENT DILL, Electrotyper and Stereotyper, No. 27 Centre Street.—The business of this well-known house was originally founded in 1832 by Mr. V. L. Dill, who, from 1800 up to 1815 had been attached to the house of D. & G. Bruce, who were the first to introduce the art of stereotyping in the United States. Mr. Dill was an accomplished master of his profession, and when he left their employ to establish business for himself the Messrs. Bruce parted with his services with regret. In 1846 his son Vincent, who is now the sole proprietor and who had been some years previously associated with his father, succeeded to the business. This gentleman, who is a native of this city, is thoroughly familiar with every department of his business, employs none but expert assistants, and carries on a general line of operations in electrotyping and stereotyping work, possessing every facility for obtaining the finest and most satisfactory results. The most conscientious care is exercised to secure the most perfect production, and all work is performed promptly and accurately, while the charges are of the most reasonable character.

MATHEY BROTHERS, MATHEZ & CO., Manufacturers and Importers of Watches, No. 16 Maiden Lane.—One of the important developments of the wholesale trade of New York city is in the line of jewelry and watches. From small beginnings in the early years of the present century this branch of the city's commercial activity has grown to extensive proportions, and in the way of capital and enterprise the members of this trade have achieved a signal success, and made the metropolis the permanent centre of this business for the country at large. Prominent among the representative and old-established houses in the trade is that of Messrs. Mathey Bros., Mathez & Co., whose office and salesrooms are centrally located at No. 16 Maiden Lane. This business was established in 1833 by Mathey & Dubois, who were succeeded by Louis Mathey, Mathey, Courvoisier & Co., L. & A. Mathey, Mathey Bros. & Mathez. Eventually, in 1888, the present firm was organized, the copartners being Messrs. A. S., J. L. and F. H. Mathez, and Chas. H. Meylan, all of whom are thoroughly practical men, fully conversant with every detail of the manufacture and importation of foreign watches and the requirements of the trade and public. The firm have an establishment in Brassus, Switzerland, under the superintendence and charge of the junior partner, Mr. Chas. Meylan, who is well known among the craft for his inventive genius and the numerous improvements for which he holds patents. Messrs. Mathey Bros., Mathez & Co. import extensively from the most celebrated European houses all kinds of gold and silver watches, both plain and complicated, ladies' and gentlemen's split seconds, chronographs, and repeaters. They are sole agents in the United States for the noted houses of H. L. Matile, J. J. Badollet & Co., and C. H. Meylan, junior member of the firm. The firm's superior watches are unrivalled for reliability of workmanship and perfection of finish, while their accuracy as time-keepers render them general favorites. We would add for the information of the trade and public that this firm keep constantly in stock the best watches that human skill and ingenuity can devise, and their business is of a correspondingly first-class character and magnitude. They fill orders for the trade all the way from Maine to the Pacific States, and no firm has a higher standing or is more highly esteemed. The imported watches of this popular and responsible house are of the highest grade of workmanship. It is the opinion of experts in watches that skilled hand labor is absolutely essential to accuracy and durability, and in the above respects the watches sold by Mathey Bros., Mathez & Co. can always be relied on as being the best and most perfect that money and the highest skilled talent of European manufacturers can produce.

D. W. C. WARD, Grocer, No. 983 Sixth Avenue.—One of the oldest, neatest and best-ordered general grocery establishments in this quarter of the city is the well-known and deservedly popular store of D. W. C. Ward, where may at all times be found a complete and select assortment of everything comprehended in fine groceries. In quality and completeness of stock, reliability in dealing, and character of service, this excellent and flourishing store is unequalled by any of the kind on upper Sixth Avenue, while its patronage is at once large and influential. The business was established some thirty-five years ago, and from the inception of the enterprise Mr. Ward has steadily won his way to public favor and prosperity. The store, which is compact and ample, is tastefully fitted up and admirably kept, and a heavy and very superior stock is constantly carried, including pure and fresh teas, coffees and spices of every variety, condiments, sauces, delicacies and table luxuries, fine wines, bottled goods of all kinds, foreign fruits, nuts and cigars, choice creamery butter, canned goods, dried fruits, prime smoked meats, lard, cheese, and fresh country eggs. The assortment also comprises best brands of family flour, oatmeal, rice, sugars, sirups, peas, beans, salt and smoked fish, shelf goods, household specialties and fine fruits, vegetables, etc. In short everything that enters the stock of a strictly first-class grocery is carried, while three efficient and courteous assistants attend to the wants of customers.

PATRICK CURTIS, Wholesale and Retail Dealer in Red and White Ash Coal. Yard, No. 570 Greenwich Street.—For upward of half a century the well-known and popular coal yard now successfully conducted by Patrick Curtis, has maintained an enduring hold on public favor and confidence. Only the most superior article is handled, and customers can always rely upon receiving honest weight and honorable treatment. This flourishing

enterprise was originally started away back in 1836 by Peter Clinton, who was succeeded twenty years subsequently by his brother Matthew Clinton, and after several changes the business in 1880 came into the sole control of Mr. Curtis, the present proprietor, who has since continued it with uninterrupted success. The yard, which is connected by telephone (call, 1053 Spring), is 50x100 feet in area and a heavy and first-class stock is constantly carried on hand, including the best quality of red and white ash coal, carefully screened. From six to ten in help are employed, while four or more carts are in steady service supplying customers throughout the city, and the trade, which is of both a wholesale and retail character, is at once large, prosperous, and permanent. Mr. Curtis was born in Ireland, but has resided in this country since 1854, and prior to assuming control of the establishment had been employed in the yard for twenty years.

MASEMANN'S MARKET, Beef, Veal, Mutton, Lamb, etc., No. 930 Sixth Avenue.—Something like a quarter of a century ago this excellent and popular market was established by Mr. Masemann. The store, which is 25x40 feet in dimensions, is nicely fitted up in oak and black walnut, and is clean, neat, and excellently kept in every respect. A large and first-class stock is always carried, including choice State and Western beef, prime Canada mutton, lamb, veal, and pork; also, select Philadelphia poultry, game of all kinds in their season, hams, bacon, salt and smoked meats of every description, sausages, bologna, lard, and provisions. A full and fine assortment of fresh vegetables, fruits, etc., likewise may at all times be found on hand in this well-ordered store, while three courteous and efficient assistants attend to the wants of patrons, and the lowest prices consistent with first-class goods prevail. Mr. Masemann, who was born in Germany, but has been in this country many years, is a man of push and perseverance, and well merits the large measure of popular favor he receives.

N. AMON, Practical Blacksmith, No. 45 Ann Street.—Among the most skilful and experienced of the disciples of Vulcan in the lower section of the metropolis may be mentioned the name of N. Amon, general machinist and house blacksmith, who maintains a deservedly high reputation for fine work in his line. Mr. Amon, who is a man of fifty-five, active and vigorous, was born in Germany, but has been in this country since 1854. He is a thoroughly practical and expert blacksmith with upward of thirty six years experience in the exercise of his calling, and is fully conversant with the art in all its branches. The shop is ample and completely equipped in every respect, being supplied with steam power, latest-improved machinery, appliances, and general appurtenances, while six to ten first-class and reliable mechanics are employed. Blacksmithing in all its branches is executed in the highest style of the art, including ornamental, machinery, building, and general light work; in short, every thing in the line of fine blacksmithing, while jobbing of every description likewise receives prompt attention, ample and excellent facilities being at hand for executing all orders, large or small, in the most superior and expeditious manner.

AUGUST SCHIECK, Merchant Tailor, No. 450 Canal Street.—No house in its line has a higher reputation than that of Mr. August Schieck; Mr. Schieck's ability and knowledge of his trade have been long appreciated; and when in 1883 he established his present business he found that, notwithstanding the severe opposition he was forced to encounter, his reputation was wide enough to insure him plenty of custom from the very start. Mr. Schieck caters to a fine class of trade, principally merchants and professional men. Mr. Schieck has succeeded in pleasing this most exacting and critical class of the community and his trade among them is rapidly increasing. He always carries a large stock of first-class fabrics, both foreign and domestic, which he carefully selects himself, and guarantees to be precisely as represented. Mr. Schieck's styles are always of the latest, and the workmanship of his assistants of a very superior kind. The store, the dimensions of which are 20x50 feet, is nicely fitted up. The workshop is in the rear. Mr. Schieck employs fourteen skilled and experienced cutters and journeymen tailors, and he never permits any inferior work to leave his establishment. The proprietor of this thriving business is a native of Germany, but has resided in this city a number of years.

S. W. RICE & Co., Superior Base Balls, No. 51 Dey Street.—An important branch of manufacturing activity and one deserving of special mention in a review of the business interests of the metropolis is the manufacture of base balls. The leading representative in this industry and the largest house of its kind in the United States is that of Messrs. S. W. Rice & Co., located at No. 51 Dey Street. Much of the credit for the growth of this interest in this country is due to this widely known and prosperous house, which has been in successful operation for a period of twenty years. The important results achieved in this special line of enterprise are attributable to the fact that Mr. S. W. Brock, who succeeded Mr. Rice, has been thoroughly educated to the business, making it a close, practical study, and exhibiting a fertility of conception as to what will take with the public, and a thorough knowledge of all the wants of the trade, which could not fail to place his establishment in the foremost rank of enterprise and success. The premises occupied comprise four floors, 30x100 feet each, and every modern convenience and improvement is used which tends in the slightest de-



gree to facilitate rapid and perfect production. Employment is given to a force of seventy-five hands, and the range of manufacture comprises everything in this line from a \$1.50 dead ball to a five-cent toy ball, and including the celebrated S. W. Rice & Co. League Base Ball with double cover. Three hundred dozen of these balls are produced daily, and they are recognized everywhere as unequalled for practical use, thorough durability, and general excellence by any similar productions extant, being in constant demand not only in this country but throughout South America, West Indies, Australia, Canada, and other foreign countries. The taste displayed in catering to the unceasing demand of the public for "something new" proclaims this house as the "leader in base-ball fashions." The business has ever been conducted on the just principles of commercial equity, and those interested in entering into business relations with this house will obtain advantages in goods and prices that cannot be secured elsewhere. Messrs. Brock & Son, the enterprising proprietors, are both natives of Ohio, and have resided in Brooklyn for the past thirty years. They are recognized by the public as expert and accomplished manufacturers.

E. BURN F. HAIGHT, Carpenter and Builder, Nos. 152 and 154 Prince Street.—The varied interests of the metropolis present no more important feature for consideration in a volume of this character than that devoted to the carpentering and building industry, and there are many exponents of this line of enterprise in the city. One of the leading and best known of these is Mr. Eburn F. Haight, whose business office and workshop are located at Nos. 152 and 154 Prince Street, and who is a most worthy and skilful representative of his vocation. This house was founded thirteen years ago by Messrs. Haight & Monnia, Mr. Haight succeeding to the entire control in May, 1887, and since continuing the business with unabated vigor and success. He has created an enviable reputation throughout the State and elsewhere for the superiority of all work performed by him, and for the honorable, liberal

business methods that have ever marked his transactions. His spacious workshop is equipped in the most complete manner with improved machinery operated by steam power, and employment is afforded a force of about forty efficient workmen. Mr. Haight executes every description of carpentering and building work, fits up stores and offices in any desired style, keeps counters on hand and makes them to order, and performs housework and general jobbing of all kinds. Plans and estimates are furnished, and all work undertaken is carried through to completion in the promptest and most satisfactory manner. Mr. Haight is a native of Ulster County, New York, enjoys a wide business and social acquaintance, and no citizen is more respected than he, and none more worthy of it. Mr. Haight has just finished a large building at the corner of Lafayette Place and Fourth Street, now occupied by M. Sampter & Sons, which is one of the finest buildings in New York.

H. ART, LEWIS & Co., Manufacturers of Furriers' and Cloak-makers' Ornaments and Fur Fringes, No. 83 Mercer Street.—In the lines of imported millinery ornaments and fur fringes for furriers and cloak-makers Messrs. Hart, Lewis & Co. have won wide popularity, and are noted for the success which has attended their exertions in fully meeting all requirements of their trade throughout every section of the United States. The individual members of the firm consist of Messrs. Alexander Hart, Julius Lewis, and Abraham Jacobson. The two former are natives of this city; and the latter was born in London, but has resided in the American metropolis since he was a year old. The firm was organized in 1885, and the business since then has had a marvellous growth, and is constantly increasing. The premises occupied are ample, and suitably fitted up for the successful prosecution of the business. They recently removed to the present location from West Third Street near Broadway. The firm manufacture all kinds of ornaments and fur fringes, in fact trimmings of every description used by furriers and cloak-makers, and in this work they employ, inside and outside of their factory, one hundred and fifty hands. They are also represented in all parts of the country by a staff of travelling salesmen, and their trade is wholesale in its character and national in its extent. An immense stock is always kept on hand to meet urgent orders, and the firm by their prompt, liberal, and reliable business methods have won a high reputation in business circles.

C. HAS. MERKER, Manufacturer of Paper Boxes, No. 132 Duane Street.—The manufacture of paper boxes is in any great business centre an important industry. Among the leading and popular city establishments in this line will be found that of Mr. Charles Merker. Mr. Merker began business in this city in 1879, and in 1885 succeeded to an old-established enterprise at the present site. The premises, 25x120 feet in dimensions, are conveniently arranged, and all requisite methods and appliances are at hand for the advantageous conduct of the enterprise. A competent force of experienced hands is employed, and the product of the establishment, comprising all sizes and grades of paper boxes for mercantile and other uses, a specialty being made of ordered work in sample boxes and cards, is noted in the trade for its general superior excellence. Mr. Merker is a native of Germany, and an active and enterprising business man who by his able and popular management has secured a large and liberal patronage and reared a business second to none in his branch of industry.

L. KATZENSTEIN & CO., General Machinists, No. 357 West Street.—The well-known and prosperous business house of L. Katzenstein & Co. is one of the leading houses in its line in the world, and is favorably known to the trade everywhere. The firm are general machinists, and dealers in engineers' supplies and steamship work. They are the patentees and manufacturers of Katzenstein's metallic packing, for piston-rods, valve-stems, etc., which is their specialty, and an article the value of which was long since established, and in which the house does a large trade all over the world, either directly or through their agents. The business was founded in 1870 in the vicinity of its present location by Mr. L. Katzenstein, and is in a flourishing condition. The floor occupied, at No. 357 West Street, is 25x125 feet in dimensions, and is well stocked with machinery. Steam-power is used, and from ten to twelve hands employed. Mr. Katzenstein is a native of Germany, but came to the United States about twenty-five years ago.

OGDEN & WALLACE, Importers of and Dealers in Iron and Steel, Nos. 85-91 Elm Street.—One of the oldest and representative houses in New York actively engaged in the importation and sale of all descriptions of Iron and Steel, is that of Messrs. Ogden & Wallace, whose commodious warehouse is centrally located at Nos. 85-91 Elm Street. This business was established in 1800 by Geo. W. Shields, who was succeeded by Smith & Hegeman, Smith, Sturges & Co., and G. D. Smith & Co. Eventually, in 1874, the present copartners, Messrs. Chas. W. Ogden and Theodore C. Wallace, assumed the management. They bring great practical experience to bear, and possess an intimate knowledge of every detail and feature of the domestic and foreign Iron and Steel trade and the requirements of customers in all sections of the country. The premises occupied are fully stocked with a superior assortment of bar, sheet, and hoop iron, steel, etc., which are offered to customers at the lowest possible prices. Messrs. Ogden & Wallace are agents in New York for Park, Brother & Co.'s Black Diamond Steel Works. All the steel and iron specialties handled by this reliable house are unrivalled for quality, utility, and uniform excellence, and have no superiors in this or any other market. The firm import direct from the most celebrated British houses the finest English iron and steel, and are prepared to supply them at the lowest ruling market rates. Both Messrs. Ogden and Wallace are natives of New York. They are highly esteemed in commercial circles as energetic, able, and honorable business men, and their success in the iron and steel trade of the metropolis is as substantial as it is well merited. The trade of this widely-known house extends throughout all sections of the United States and Canada and is steadily increasing, owing to the superiority and reliability of its productions.

LANGILL & DARLING, Photographers and Photographic Printers, Interiors, Exteriors, etc., No. 10 East Fourteenth Street.—One of the most reliable and representative firms engaged in the photography line is that of Messrs. Langill & Darling. Though founded as late as July, 1887, they have already developed a large trade, due entirely to their prompt business methods and the superior and artistic character of the work executed. They occupy a fine office, handsomely furnished and supplied with the latest appliances necessary for the successful prosecution of the business. No pictures are taken on the premises, but all kinds of out-door work in the line of photography is executed at short notice, in a very superior manner, and on moderate terms. They are prepared to photograph the interiors and exteriors of private residences, public buildings, etc., and employ experienced artists to execute the same. Both members of the firm are thoroughly versed in every branch of the art, each having upward of fifteen years practical experience. The individual members of the firm are Messrs. C. C. Langill and C. M. Darling, the former a native of Nova Scotia, the latter of Vermont. They are thoroughly practical to the business in all its details, are prompt and reliable in all their dealings, and as business men and citizens enjoy the confidence and respect of all with whom they come in contact. Mr. Langill is prominently identified with the masonic order, while his partner, Mr. Darling, is a member of the Knights of Pythias.

LEO BERNARD & CO., Drugs, etc., No. 228 Pearl Street.—The house of Leo Bernard & Co. was founded in this city sixteen years ago, and from its inception to the present has been accorded a very liberal and substantial patronage. Mr. Leo Bernard originated the business eighteen years since at No. 117 Bld. Richard Lenoir, Paris, France, of which place he is a native and now a resident. Four years ago he took into partnership Mr. Charles Ecorcheville, who is also a native and resident of Paris, where the firm control a very extensive business. The New York house of the firm, situated at No. 228 Pearl Street, has from the beginning been under the management of Mr. Joseph Bernard and Mr. Arthur Hershheim, both of whom are natives of France, and are fully conversant with the business methods and mercantile communities on both sides of the Atlantic. The premises occupied are spacious, appropriately fitted up, and in every way admirably adapted for the business. Here is carried an immense stock of fine drugs of every description, essential oils, vanilla beans, musks, raw materials for perfumers and soap-makers' confectioners, etc., and the trade in these is of a wholesale character and extends to all parts of the American continent. The house possesses the very best of facilities for the prompt filling

of all orders, and its career has been in every respect a creditable one, as is evidenced by the high terms in which it is spoken of by some of the first houses in the city.

E. C. HAZARD & CO., Importers and Wholesale Dealers in Fancy Groceries, Hudson and Harrison Streets.—Representative among the largest and most progressive establishments of New York is that of Messrs. E. C. Hazard & Co., importers and wholesale dealers in fancy groceries, whose offices and sales-rooms are centrally located at Nos. 87, 89 and 91 Hudson, and 2 to 12



Harrison Streets. The immense business conducted here was founded more than a quarter of a century ago by E. C. Hazard, the senior member of the firm. Present partners are Messrs. Edward C. Hazard, Frank Green, John J. Blauvelt, Theodore Sterne, and Eugene L. Froment, each of whom have had great experience and possess an intimate knowledge of every detail and feature of the business. Messrs. E. C. Hazard & Co. import direct from first hands the choicest table delicacies that can be secured in the markets of the world; they also pack choice canned fruits, meats and vegetables on an extensive scale, and are consequently enabled to guarantee the purity, freshness and perfection of their goods. For more than a decade Hazard's brands of canned goods have been known and recognized as the standard for excellence in every market where canned goods are sold. Among other numerous specialties in this line is the world-renowned Shrewsbury tomato catsup put up at their packing and canning establishment on their farm at Shrewsbury, New Jersey. The preparing and packing of grocer's sundries and specialties is another leading branch of their business and is conducted at their factory and warehouse on Harrison Street. Here the finest and best spices are ground and the choicest cereals put up and packed for the trade. The entire first floor and basement of the Mercantile Exchange Building is occupied by this firm, and they are amply provided with every facility and appliance for the systematic and successful conduct of their extensive and rapidly growing business. In this store can be found every article that enters into consumption in staple and fancy groceries, including the choicest brands of wines, liquors and ales, also the most popular and favorite brands of cigars. The eminent reputation and just methods of this enterprising firm are known throughout all sections of the United States and Canada. The partners are active members of the Mercantile Exchange and have ever given an earnest support to all measures conducive to the benefit and welfare of this useful and rising institution. The house of Messrs. E. C. Hazard & Co., with its wide-spread commercial relations, superior facilities and trade connections is a lasting source of credit to the metropolis, and an enduring monument to the skill, integrity and enterprise of its popular proprietors.

SAMUEL T. SKIDMORE, Wholesale Commission Fish Dealer, Nos. 142 and 144 Beekman Street, Opposite Fulton Market.—New York city is the recognized centre of the wholesale fish trade for a vast area of territory, and the facilities enjoyed, resources possessed, and knowledge manifested by the large houses in this line have no equal elsewhere. One of the leading representatives of the wholesale fish trade, is Mr. Samuel T. Skidmore, of Nos. 142 and 144 Beekman Street, directly opposite Fulton Market. He is a native of this city, who early in life became connected with the trade in which he has achieved such marked success. In 1868 he started in business upon his own account, doing strictly a wholesale trade and developing it to proportions of great magnitude with far-reaching connections. Mr. Skidmore is universally respected for his honorable methods and sterling integrity, and offers the most substantial inducements and perfected facilities to shippers to this market. His premises are unusually extensive, comprising the entire five-story buildings, Nos. 142 and 144 Beekman Street, 30x60 feet in dimensions, fitted up with modern appliances including large freezers, and room for sorting, packing, and delivering in the most thorough manner. Mr. Skidmore is known favorably all along the coast, both east and south, and none stand higher. He daily receives cargoes of fresh fish from local, near-by, and distant points, and does one of the largest businesses in the United States. He handles consignments to the best advantage, and renders prompt account sales, being thoroughly re-

merited recognition, while its transactions, which extend all over the United States, afford evidence of constant and material increase. The business premises occupy a 25x80-foot floor, and a basement of like area, used for manufacturing purposes, while from fifteen to twenty expert hands are employed. Besides an extensive and A 1 assortment of Swiss and American watches of all kinds, the firm also carry at all times in stock a complete and fine line of jewelry of their own production. The stock includes, likewise, elegant plated-ware, watchmakers' and jewelers' tools and materials, and altogether an exceedingly large business is done, the trade being of a wholesale and jobbing character exclusively. The individual members of the firm are Messrs. Alfred F. Cross and Henry E. Beguelin, natives respectively of the State of Maine and of Switzerland, but residents each of New York many years. They are both men of middle age, active and enterprising, and thoroughly conversant with every feature and detail of the business, and enjoy an excellent reputation in the trade.

LAMBERSON, FURMAN & CO., Sole Agents for E. Remington & Sons' Sporting Arms and Ammunition, and Dealers in all kinds of Sporting Goods, Nos. 281 and 283 Broadway.—The above-named firm are the sole selling agents for the producers of a concern that has achieved a world-wide reputation, and is now quoted as a representative American manufacturing enterprise.



1860—Fifth Avenue Hotel and Worth Monument.

ponsible and reliable in every respect. He numbers among his customers, leading fish mongers of New York, Brooklyn, and vicinity, and dealers over a wide area of territory. He is noted for deliveries always in strictly first-class condition, and carrying such a large stock, being a leading authority in the trade, he can be relied on to fill orders to the best advantage of dealers. Mr. Skidmore is an influential and respected citizen, a member of the Masonic order, and a prominent representative of one of the most important branches of wholesale trade in the metropolis.

CROSS & BEGUELIN, Swiss and American Watches, Tools, Materials, and Plated Ware at Wholesale, Manufacturing Jewelers, No. 21 Maiden Lane.—An odd quarter of a century of uninterrupted prosperity marks the history of the flourishing and widely-known firm of Cross & Beguelin, manufacturing jewelers, and importers and wholesale dealers in Swiss and American watches, plated ware, etc., No. 21 Maiden Lane, and which is in all respects one of the leading and most responsible firms engaged in this line in the city. No establishment of the kind in New York to-day maintains a higher standing in the trade, and few receive a larger measure of

We here have reference to the celebrated house of E. Remington & Sons, manufacturers of sporting arms and ammunition, whose armory and mammoth works are located at Ilion, New York, where employment is given a large force of expert mechanics skilled in their special branch of industry. Their distributing house in this city was established by the Messrs. Remington in 1857, and was continued under their personal control until 1883, when they were succeeded by Messrs. Lamberson, Furman & Co., who also have a western office, at No. 73 State Street, Chicago. The members of the firm, Mr. D. H. Lamberson, a native of Chicago, and in charge of the branch there, and Mr. H. C. Furman, a native of New York, and manager of the house in this city, were both for many years connected with the house of Remington before gaining their present important position in the commercial world. The spacious quarters in this city comprise a finely-appointed store, 40x90 feet in dimensions, admirably equipped throughout and filled with a large, valuable stock, the assortment embracing E. Remington & Sons' famous sporting arms and ammunition, and also all kinds of sporting goods from the most noted manufacturers, and the trade of the house extends to all quarters of the globe.

BISSELL CARPET SWEEPER CO., Exclusive Manufacturers of Carpet Sweepers. Office and Factory, Grand Rapids, Michigan. Eastern Branch, No. 103 Chambers Street, N. Y. T. W. Williams, Manager.—In the year 1856 an inventive genius evolved from his brain plans for the construction of a carpet-sweeper—a contrivance destined to abolish forever from the household the omnipresent broom and its erstwhile argumentative handle. But this invention, being crude in its construction and not fully adapted to practical use, in addition to the fact that the time had not arrived for its successful introduction, proved a failure; and although subsequent attempts were made to perfect it and to construct new sweepers, they proved futile, and it was not until 1876 that the degree of perfection aimed at was attained. At this date Mr. M. R. Bissell, a young Grand Rapids man of great inventive genius and superior mechanical ability, perfected the apparatus which bears his name, and which in the period elapsed has attained a world wide celebrity. As in the case of most innovations upon old stereotyped methods, the apparatus of Mr. Bissell did not at first meet with the substantial approval to which its obvious merits entitled it. Undismayed by this drawback, however, he kept on devoting his best efforts to removing all defects from his invention. The noisy cog-wheels were supplanted by the noiseless rubber-faced friction-wheel as a motive-power, the adjustable and self-adjusting centre-bearings succeeded the end stationary bearings; and in many other ways changes were made—the result being a simple, serviceable, and practically perfect carpet-sweeper. Mr. Bissell now began to reap a reward for his labors. He began manufacturing and placing his sweepers upon the market in 1876, their value and importance at last obtained recognition, and a prosperous business was soon developed. In 1883 the Bissell Carpet Sweeper Co. was incorporated, and began business with a capital of \$150,000, and the following, who are also the present—officers, viz.: President, M. R. Bissell; Vice-President and Secretary, C. B. Judd; Treasurer, M. Shanahan. The plant consists of two factories—one five stories, 40x152; the other six stories, 35x50 feet in dimensions; a stock room two stories, 25x50 feet; and large yards adjoining, in which is kept the lumber required for the work. Other buildings in addition are now in course of construction. The buildings are solidly constructed of brick, and tastefully carved upon the lintel over the main entrance is the following historic inscription: "Established by M. R. Bissell 1876. Bissell Carpet Sweeper Co. Organized and Building erected 1883. Burned and Rebuilt 1884." The equipment of the works embraces all the newest and best improved machinery, operated by a Cummer automatic engine of 150 horse-power, and giving employment to 225 hands. The company are now manufacturing the following sweepers, selected as the best from upwards of 150 models in their possession: The "Old Reliable Bissell No. 5," which is known and sold in all civilized countries. Centre-bearing: "Improved Bissell," Nos. 6, 7, 8, 9, 10, and 11; "Bissell Hall Sweeper," No. 12. End-bearing: "World" Sweeper, "Globe," "Magic," "Jewell," etc. "Four-wheeled Sweepers: "Grand Rapids," "Bissell Grand Rapids," "Perfection," "Bissell's Grand," "Bissell's Gold Medal," "Bissell's Superior," "Furniture Protector," "Bissell's Standard," "Crown Jewel," etc. The one great feature that has but recently been attained—i.e., that of broom movement, whereby a sweeper can be controlled by the user as can a broom—has been highly appreciated by those interested in carpet-sweepers. They are made in a variety of sizes, adapted to all uses, are easily operated, and not liable to get out of order, and in operation do away entirely with the disagreeable and oftentimes injurious dust. In the commodious and elegantly appointed salesroom is a full sample stock of "sweepers," which are courteously exhibited. The Bissell Carpet Sweeper has now a world-wide celebrity, being in popular use in all parts of the globe. The officers of the company are all Grand Rapids men. Mr. T. W. Williams, the New York manager, is a gentleman eminently qualified for his position, and by his well directed efforts has materially promoted the success and eminence of the enterprise.

JERE. PANGBURN, Jr., Wholesale and Retail Dealer in Coal and Wood, Nos. 606, 608, and 616 Greenwich Street.—A foremost position must be accorded Mr. Jere. Pangburn, Jr., the well-known wholesale and retail dealer in coal and wood. Mr. Pangburn's office and yards are located at Nos. 606, 608, and 616 Greenwich Street, and his down-town office is at Room 87, No. 71 Broadway. The business of this concern is of old establishment, having been inaugurated in 1851 by Mr. Geo. W. Bush, Mr. Pangburn succeeding him in 1880, since which period Mr. Pangburn has con-

tinued the business with increased success. The extensive yards are filled at all seasons with a large, superior stock of the finest productions of the best mines in the country, and orders for hard or soft coal are promptly filled at the shortest notice and at the lowest market prices. Kindling wood is also supplied in any desired quantity. Orders may be sent by telephone, call 1497, Spring Street. Both a wholesale and retail trade is supplied, and an ample force of hands and teams are employed in the handling and delivery. Mr. Pangburn, who is a native of this city, is popularly known in commercial and social circles.

M. E. MOORE, Manufacturer of Electro Silver Ware: Artistic Lamps and Bronzes, Office and Salesrooms, No. 21 John Street; Branch, No. 103 Lake Street, Chicago.—In the important lines of the highest grades of electro silver ware and artistic lamps and bronzes, the leading representative in the United States is Mr. M. E. Moore, whose office and salesrooms are so centrally located at No. 21 John Street. He was born in Troy, N. Y., and early in life became connected with and acquired a thorough knowledge of the branch of skilled industry in which he has achieved such marked success. About a quarter of a century ago he started in the business upon his own account, and soon led all competition, introducing new and beautiful styles, elaborate workmanship, and goods of the best quality of plating, practically as durable and answering the same service as sterling silver, at one-fifth or less cost. The best houses in the trade now preferably han-



dle Mr. Moore's lamps and bronzed goods, and he is, with progressive energy and the true artistic ambition, each season eclipsing his previous efforts in beautiful and artistic bronzes, the manufacture of which he makes a specialty. His success has become such in this line that his bronzes have taken precedence over foreign importations. His factory is spacious and equipped throughout with the latest improved machinery for silver-plating, finishing, etc., and where an average force of fifty hands are employed. In his salesrooms are displayed the finest line of high-class wares in bronzes, lamps, and silver. The department devoted to lamps and bronzes is justly famous, and the place for the trade to secure the latest high-class novelties. To meet the growing demand out West, Mr. Moore has a branch house in Chicago, which is a centre for the buyers of the West. He is a popular business man, who has ever retained the confidence of leading commercial circles, and is a worthy representative of this important branch of trade.

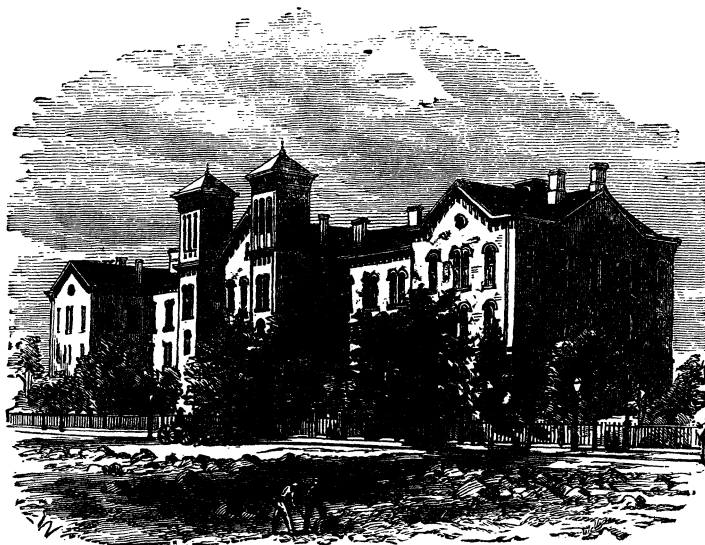
BENJAMIN & WEST, Wholesale Fish Dealers, No. 1 Fulton Fish Market.—Among the old-established and reliable wholesale fish commission houses of the metropolis, a prominent one is that of Messrs. Benjamin & West, which was established thirty-five years ago by the present proprietors, Messrs. P. Benjamin and B. W. West. The firm handle all kinds of ocean and fresh water fish, including mackerel, cod, haddock, herring, salmon, trout, halibut, white-fish, lobsters, terrapin, green turtle, etc. Messrs. Benjamin & West handle only carefully-selected stock, and fill the largest orders at the lowest ruling market prices. The firm have eight floats in the basement for storing fish, and likewise own several first-class fishing boats. Mr. Benjamin was born in Cortlandt County, New York, but has resided in the metropolis for the last forty years, while his partner, Mr. West, is a native of New Jersey.

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SCHOVERLING, DALY & GALES, Wholesale Gun Dealers, No. 302 Broadway and No. 84 Duane Street.—The representative and most extensive house in the United States engaged in the wholesale gun and rifle trade is that of Messrs. Schoverling, Daly & Gales whose offices and salesrooms are located at the above address. This business was established in 1862 by Messrs. A. Schoverling and C. Daly who conducted it till 1879, when Mr. J. Gales became a partner, the firm being known by the style and title of Schoverling, Daly & Gales. The firm have bought the business of the old and well-known house of John P. Moore's Sons, and recently removed into that establishment at the commencement of 1888. They likewise opened a retail department at No. 302 Broadway, and now have a branch at No. 65 Weaman Street, Birmingham, England. The firm import largely all descriptions of guns, rifles, and revolvers. They are likewise manufacturers' agents for the following, viz.: Charles Daly, breech loading, hammer, and hammerless guns; H. Peiper, breech loading guns and rifles; Marlin Arms Company, magazine rifles, Ballard rifles and standard revolvers; Colt Arms Company, breech loading guns, revolvers, and rifles; Harrington & Richardson, hammerless guns and double-action revolvers; C. S. Shattuck, breech loading single guns and revolvers; American Arms Company, automatic revolvers and breech loading single guns. The stock constantly on hand is the largest and best selected in the country, and is offered to customers and the trade at the lowest possible prices

pails, cans, tubs, gallons, halves, quarts, kegs, or cases, as may be desired; every modern facility being at hand for the prompt and perfect fulfilment of all orders. Prices are always regulated by the market, and all transactions are placed on the most satisfactory basis. Mr. Merrill is a native of Richmond County, N. Y., a son of Mr. John E. Merrill, who was the original founder of the business. The son was trained in all its details and requirements from his youth up, and, besides being eminently popular and successful as a leader in the trade, is a young man of business experience, capacity, and ability with whom it is always pleasant and profitable to deal.

J. B. HOLMES, Paper-hangings, Decorations, etc., No. 207 Hudson Street.—This gentleman is a well-known dealer in paper-hangings and decorations of all kinds and colors, window-shades of every variety, cornices of solid black walnut and brass, oil-cloths of the best and cheapest, paints and colors of all kinds. He employs the best and quickest workmen, and executes contracts for painting, sign making and lettering, paper-hanging, and shades of every description. Mr. Holmes established his business here in 1852, and has achieved a reputation and acquired a patronage that places him in the front rank of enterprise. He occupies a fine four-story brick building, 22x70 feet in dimensions, and gives constant employment to some fifty skilled artisans and mechanics. His stock of goods is one of the largest and finest in the city, and includes an elegant as-



St. Luke's Hospital.

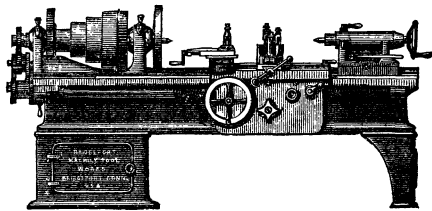
Mr. Schoverling was born in Germany, Mr. Daly in New York, and Mr. Gales in North Carolina. They are noted in commercial circles for their honorable methods, enterprise, and energy, and those interested desiring any kinds of guns, rifles, or revolvers will find them prepared to offer superior inducements, and at the same time to guarantee entire satisfaction. The trade of the firm now extends throughout all sections of the United States, while they likewise export largely to Canada, Mexico, the West Indies, and South America.

JOHAN I. MERRILL, Wholesale Dealer and Planter of Oysters: Boat No. 16, Foot of West Tenth Street.—This gentleman is a noted wholesale dealer and planter of oysters, and his is one of the most progressive and prosperous houses in the trade. His boat is three stories in height, 25x75 feet in dimensions, fitted up with every appliance and convenience necessary for the systematic prosecution of the raw oyster business. During the season from thirty to forty hands are employed, and many thousands of gallons of oysters are handled every week. Mr. Merrill ships by can to all the principal centres of population in the United States, and also enjoys an excellent export trade with numerous foreign ports. He handles only the very finest bivalves, forwarding them in either barrels,

sortment of wall-papers in the latest designs and of the most costly materials. The line of paints, oils, and general painters' supplies is kept very full and complete, while the stock of window-shades and interior decorations, by its diversity and beauty, renders it easy to suit every taste and fancy, and prices are placed at a fair and reasonable figure. Mr. Holmes is a native of Boston, and came to New York some forty years ago.

W P. HOLLY, Real-estate and Insurance Broker, No. 558 Lexington Avenue.—Mr. W. P. Holly established himself as a broker in real estate and insurance on his own account in 1878, and during the intervening period has developed a large and permanent trade. He conducts a general real-estate business, buying, selling, renting, and exchanging property, loaning money on bonds and mortgages, and making a specialty of insurance, in which line he has superior connections, and is prepared to place the largest risks at unusually low rates with responsible companies. He is prepared to take entire charge of estates, secure good tenants, effect repairs in the most judicious manner, and permanently maintain all properties placed in his care to the highest standard of productive efficiency. He is a native of Westchester County in this State.

E. P. BULLARD, Metal-working Machinery for Iron and Brass, No. 72 Warren Street and No. 62 College Place.—It is absolutely certain that in no country in the civilized world has metal-working machinery been brought to such a high state of perfection, as in the United States. A progressive and representative house in the metropolis engaged in the manufacture of all descriptions of metal-working machinery for iron and brass, is that of Mr. E. P. Bullard, whose office and salesrooms are situated at No. 72 Warren Street and No. 62 College Place. The factory of the house, which is admirably equipped with all modern machinery, tools and appliances, and furnishes constant employment to one hundred skilled operatives, is in Bridgeport, Conn. Mr. Bullard established this business twelve years ago, and has since built up an extensive and influential patronage in all sections of the United States. The manager of the New York house, Mr. W. H. Harrison, has had great experience, and is fully conversant with the construction of all kinds of metal-working machinery and the wants of customers. The premises occupied are spacious, and are fully stocked with a superior assortment of lathes, screw-cutting, hand, and turret planing and shaping machines, drilling machines, single and gang milling and screw machines, etc., and also a full line of second-hand machinery. All the metal working machinery manufactured by Mr. Bullard is made from patterns and designs of his own invention. These machines have met with great



favor from the trade, as being the best, strongest, most simple and easily-operated machinery of the kind in the market, and have proved exceedingly valuable to iron and brass manufacturers. All the machinery manufactured by Mr. Bullard is constructed with unusual care and accuracy, and of the most durable materials. Mr. Bullard is sole agent in New York for the Brown & Sharpe Manufacturing Company, Bridgeport Machine Tool Works, P. Blaisdell & Co., National Machinery Company, and several other leading firms. Mr. Harrison, the manager, is a native of New York, while Mr. Bullard was born in Massachusetts. Both gentlemen are highly esteemed by the community for their mechanical ability, skill, and integrity. Those who want very cheap machinery will not obtain it here, but those who require the best work at moderate prices cannot do better than place their orders with this trustworthy establishment.

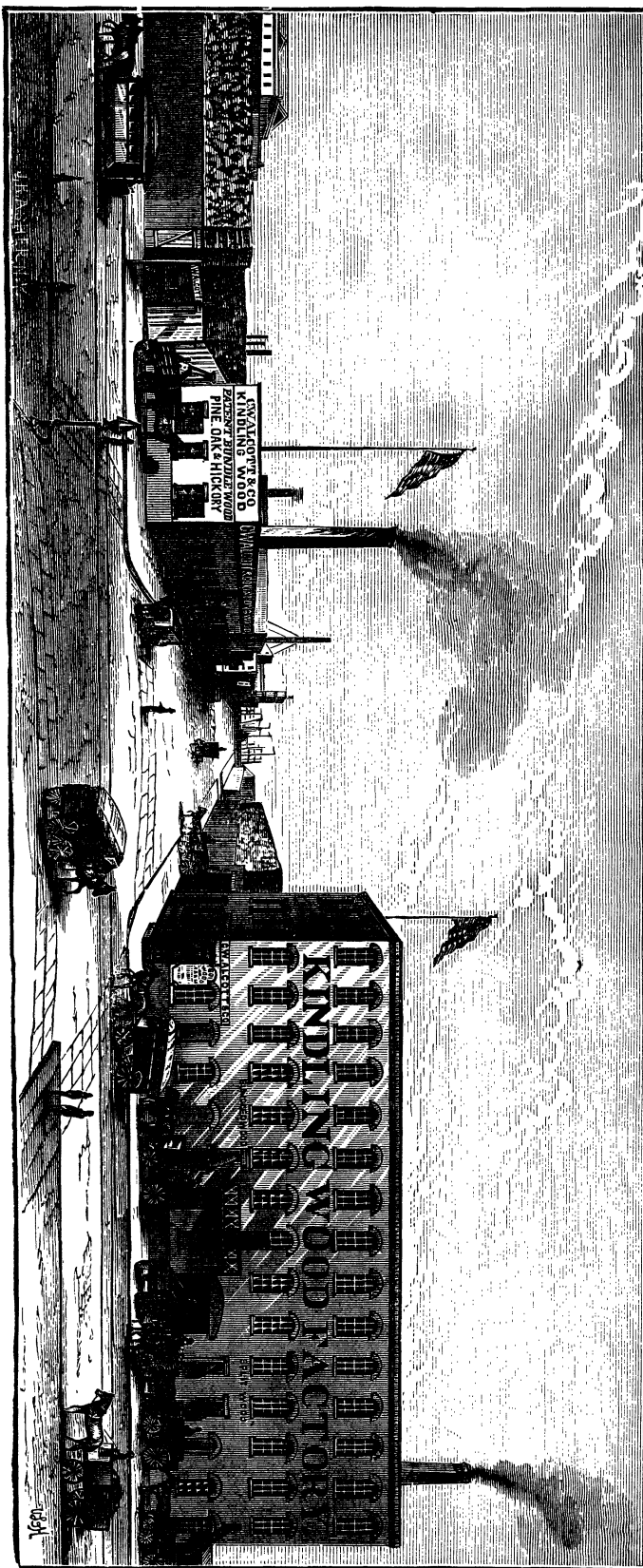
S TIRN & LYON, Importers and Manufacturers of Toys, Dolls, Games, and Fancy Goods, No. 16 to 20 Park Place.—The largest and most progressive house in the United States, actively engaged in the importation and manufacture of toys, fancy goods, etc., is that of Messrs. Stirn & Lyon, whose office and salesrooms in New York are located at Nos. 16 to 20 Park Place. The Boston branch of the firm is at Nos. 116 and 118 Pearl Street, and Nos. 33 and 40 Madison Street, Chicago, while they have likewise branches at No. 7 Artillerie Street, Cassel, Germany, and No. 34 Rue Richer, Paris, France. This business was established twenty years ago by Messrs. Carl P. Stirn and Amos M. Lyon. Both partners have been thoroughly educated to the business, and have made it a close practical study, exhibiting that knowledge and conception of what kinds of toys and specialties will take with the trade and public, and manufacture accordingly. The premises occupied in New York comprises eight spacious floors, which are fully stocked with a splendid assortment of toys, dolls, games of all kinds, and fancy specialties; also china, bisque, bronze, and plush holiday goods, stationers' and druggists' fancy goods and novelties. All goods, novelties, etc., handled by Messrs. Stirn & Lyon are unrivalled for quality, elegance, finish, and uniform excellence, and have no superior in this country or Europe, while the prices quoted in all cases are extremely moderate. One hundred clerks, assistants, etc., are employed, while twelve travelling salesmen represent the interests of the house at the various centres of wealth and population in the United States and Canada. The trade is both wholesale and retail and is steadily increasing, owing to the reliability and superiority of the firm's productions, which are general

favorites with the trade and public wherever introduced. Mr. Stirn was born in Germany but has resided in New York for the last twenty-six years, while his partner, Mr. Lyon, is a native of Connecticut, and a resident of the metropolis since 1837. Those requiring really superior toys, fancy goods, and novelties, cannot do better than give their orders to this representative establishment, where they will obtain advantages in goods and prices very difficult to be duplicated elsewhere in this country.

A. KLINGENBERG, Importer of Art Pottery, Bohemian Glassware, French and Carlsbad China, No. 35 and 37 Park Place.—One of the largest and probably the finest establishment in the china and glassware trade of the metropolis, is that of Mr. A. Klingenberg, located at Nos. 35 and 37 Park Place. This well known merchant is an extensive importer of, and wholesale dealer in, art pottery, Bohemian glassware, French and Carlsbad china, and has a front-rank position in this branch of commerce in the country. The business was originally established in 1852, by Messrs. Kittel & Klingenberg, and, after some changes, the present proprietor succeeded to the sole control in 1881. The premises occupied for trade purposes comprise a splendid five-story building, 25x100 feet, with a basement, all of which extensive space is utilized in the storage and display of the heavy and valuable stock that is constantly carried. The stock of goods here displayed is one of the rarest and finest to be seen anywhere in this line of trade. It embraces artistic pottery, china, and glassware brought from nearly every prominent establishment in the world. Among the richly-decorated goods are breakfast, dinner, and tea sets, toilet sets, fine cut-glass ware, vases, ornamental pieces in Bohemian and Austrian glass, and the latest novelties from European manufactories; special sets for oysters, soup, fish, game, entree, fruit, etc.; artistic pottery in plaques, trays, etc., for wedding and holiday gifts. Parian, majolica and fancy ware of every description. The proprietor has his sources of supply in Limoges, France; all of Germany; Carlsbad, Bohemia; and other European manufacturing places, and his importations of plaques, vases, and *objets d'art* are from the most famous masters. His immense show-rooms are marvels of elegance, taste, and beauty, and a corps of experienced salesmen contribute to the satisfactory operations of the house and ably represent its interests upon the road. The trade, which is entirely wholesale, extends throughout the entire United States and Canada, and is one of great magnitude and importance. Mr. Klingenberg is a native of Germany, and a resident of New York since 1850. He is still in the prime of life, actively identified with the commercial development of the metropolis and a director of the German-American Bank. He is so well known in this city, and his house has retained its customers so long, that its reputation for liberality and reliability is firmly established beyond the requirements of praise.

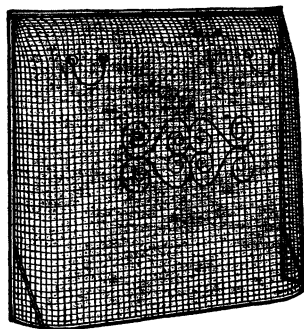
R ANDOLPH BRANDT, Manufacturer of Selden's Patent Packings, and Dealer in General Engineers' Supplies, No. 38 Cortlandt Street.—The natural and acquired advantages which have contributed to make the metropolis the leading manufacturing centre of the country, have also induced here the establishment of enterprises which for value and character of the goods produced have become widely known. A noteworthy industrial institution is that conducted by Mr. Randolph Brandt, at No. 38 Cortlandt Street. This gentleman founded his enterprise in 1872, and has ever since been carrying on extensive operations as manufacturer of Selden's celebrated patent packings, and general dealer in engineers' supplies. He has developed a large and influential patronage, through the superiority of his products, his trade having its tributary area throughout New York and the surrounding States. The premises occupied for his purposes cover an area of 20x120 feet, and are equipped in the most complete manner for all the demands of the industry, while employment is furnished a force of skilled workmen. A leading specialty is made of Selden's patent packings, which are manufactured with a rubber core, for steam use, and canvas core for water and ammonia, and are unequalled for utility and durability by any similar productions now in the market. A heavy stock is carried to meet the demand, and all orders are promptly filled on the most favorable terms. A complete assortment of engineers' supplies is also kept on hand, everything being of the most reliable manufacture. Mr. Brandt, who is a native of Virginia, has resided in New York since 1867, has proved a valuable member of the community, and has achieved well merited success.

C. W. ALCOTT & Co., Dealers in Kindling-wood, also Oak and Hickory for Andirons and Grates, corner of Avenue B and Eighteenth Street.—Cheerful open fires of hickory and oak wood, with Virginia pine kindlings, are in demand at present, and the question naturally suggests itself to the man who pays the bills, "Where can the greatest amount of fuel be had for the smallest amount of money?" The best plan is to select an old and well established firm, one that has been tried and proven, and then confine your trade to that firm. Don't trust to your own astuteness in making bargains with unknown parties who offer "greatly reduced rates." You may depend upon it, what is taken from the price is more than made up in short measure and inferior quality. The leader in this line, and the largest manufactory of the kind in the United States, is that conducted by Messrs. C. W. Alcott & Co., at the corner of Avenue B and Eighteenth and Nineteenth streets. This mammoth enterprise was inaugurated in 1862, by Mr. C. W. Alcott, and in 1872 the present firm was organized by the admission of Mr. C. C. Wehrum to partnership. The firm own extensive timber lands situated on the James River in Virginia, where they employ a force of 1000 hands every season from October to April, in felling timber, and preparing supplies for the immense trade carried on by the firm in this city. From 26,000 to 28,000 cords of wood are used every year in the business, and from 50,000 to 60,000 bundles of kindling-wood are needed every week to supply the patrons of the house. They buy entire forests in the States of Maryland, Virginia and North Carolina, and set their force of 400 cutters to work on them. There are five schooners owned by the firm—the C. W. Alcott, A. J. Alcott, C. C. Wehrum, H. H. Pitts, and S. H. Sharp—which have a capacity of 1250 cords per trip, making trips every two or three weeks. They are constantly engaged, but even then they fail to supply the demands of the extensive trade of this firm. The wood is sawed and split to order after it is brought to this city, and delivered in quantities to suit the customers. They do the largest business in the United States, and on altogether a different plan from any contemporary house in their line, and get out no price-lists. Mr. Alcott has travelled through Europe, and has never found any machinery that would equal or could compete with that in the use of this house, it being different from any in use in the same line of business in the world. A "load" of wood is a vague term, an unknown quantity to the purchaser, and for this reason C. W. Alcott & Co. have established an invariable rule in their retail trade to sell by the fractional parts of a cord only, and the wood is measured before it is sawed or split—and the last fact makes a great difference in favor of the purchaser. With every facility for procuring, preparing, storing, and delivering wood, this firm is in a position to guarantee satisfaction in every particular. The premises in this city cover an area of 230x200 feet, and comprise a factory two stories high, and 200x118 feet in size, with large yards for storage on both sides of Avenue B. The factory is supplied with two 100-horse power steam-engines and boilers, and a force of eighty hands is employed in the business here, and some twenty teams are operated throughout the city. The trade is large, first-class, and influential, both at wholesale and retail, throughout New York and the surrounding country. The house has a high reputation for the standard character of its goods. The kindling is made from Virginia pine, oak, and hickory, and can always be depended upon as reliable for condition and satisfactory in performance. The proprietors are both well known citizens and substantial business men, whose reputation is established beyond the requirements of praise. Mr. Alcott is a native of New York, and has long been identified with the commercial growth and prosperity of the city. Mr. Wehrum was born in Alsace, Germany, and came to this country in his boyhood. He was a clerk in the house for six years previous to becoming a member of the firm, served in the army during the war, is a member of the G. A. R., and of excellent standing in society and business circles.



BELT, BUTLER & CO., Raw Furs, Ginseng, etc., Nos. 106 and 108 Reade Street.—The firm of Belt, Butler & Co. occupy the large five-story stone building, Nos. 106 and 108 Reade Street, where they have been located for many years. They buy and export a very large quantity of domestic raw furs and ginseng, and are commission merchants for the sale of wool and dry hides. Their name is well known in all the branches of trade above mentioned. Their business is divided into different departments, each one under the management of one of the partners. Their long experience and careful attention to the interests of their consignors have established a large and constantly increasing business, and numbers of Western and Southern merchants seek no other outlet for their Eastern trade than this enterprising and strong house.

COLLINS & NUTTALL, Workers in Artistic Brass Goods, Sole Manufacturers of Collins' Patent "Excelsior" Woven Wire Spark Guards and Folding Fenders, Nos. 418 and 420 West Twenty-seventh Street.—Among the many manufacturing enterprises of the West side, that conducted by Messrs. Collins and Nuttall at Nos. 418 and 420 West Twenty-seventh Street, near Ninth Avenue, is well worthy of special mention in this volume. This firm carry on extensive operations as workers in artistic brass goods, and are the sole manufacturers of Collins' Patent "Excelsior" Woven Wire Spark Guards and Folding Fenders, and have been established in this line since 1882. Since that date they have won a position of



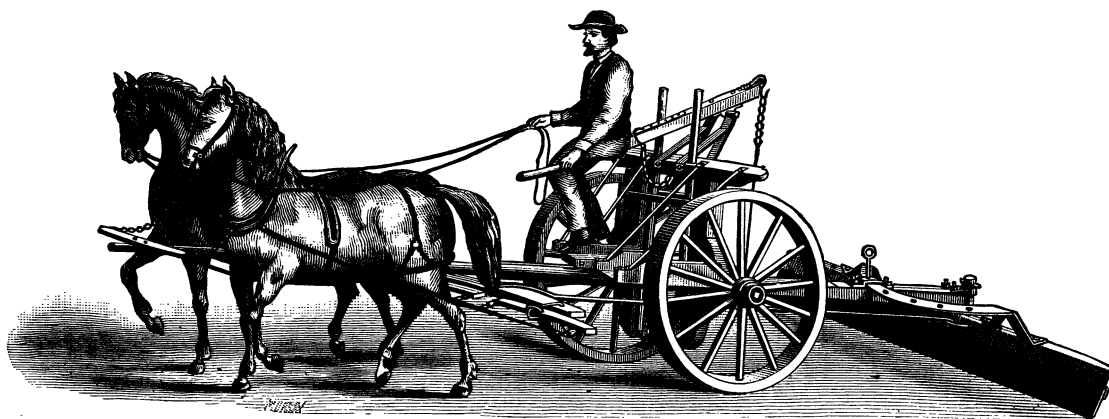
prominence in the trade, owing to the superior nature of their productions, and have developed a demand for their excellent goods throughout the entire United States. The works cover an area of 50x90 feet, and are fitted up in the most approved manner with all requisite machinery, operated by steam-power, and employment is afforded a force of fifteen skilled artisans. The most artistic effects are here worked in brass goods of all kinds. The "Excelsior" Spark Guards and Folding Fenders made by this firm are unrivalled for beauty, usefulness, and durability by any similar goods now in the market; dealers find them a profitable article to handle, and the house is prepared to fill all orders on the most favorable terms. The members of the firm, Messrs. Arthur Collins and John Nuttall, are business men of push and enterprise and expert exponents of their vocation, and are in every way responsible, reliable manufacturers.

JOHAN F. BAXTER, Ship-chandler, etc., No. 308 West Street.—A prominent and popular headquarters in this city for ship-chandlery, and steamship and engineers' supplies, is the establishment of Mr. John F. Baxter. This house was founded fifty years ago by Mr. John C. Baxter, the son and present proprietor succeeding to the sole control in 1877. He enjoys a wide and deservedly high reputation as a ship-chandler and wholesale and retail dealer in steamship and engineers' supplies, machinists' and steam-fitters' tools, bolts, nuts, washers, lag-screws, turn-buckles, oils, compounds, and manilla rope of all sizes. The business premises comprise a store and basement 25x100 feet each, with additional storage capacity on the upper floors, all arranged so as to insure the satisfactory and rapid handling and proper storage of the goods. The supplies here offered to the trade and consumers are received direct from the best producing sources, and are general favorites wherever introduced. The goods recommend their own merits to the confidence of close and careful buyers, and the prices which prevail are such as materially add to the popularity of the house. Mr. Baxter is also managing owner of and operates the wrecking and fire steamer "John Fuller," under the

title of the Baxter Wrecking Company. This steamer is provided with four powerful steam-pumps, the steam-cylinders of the wrecking-pumps being each twenty-three inches diameter. The fire-pumps are of extra power, and were made to order expressly for the Fuller by the Amoskeag Manufacturing Company. As a fire-engine she throws thirteen streams of water. Wrecking-pontoons, for raising sunken vessels, and submarine divers are always on hand, and promptly supplied for all emergencies. Portable steam-pumps are also kept to let. Mr. Baxter is a native of New York, trained from his youth in the business which he now so successfully represents.

F WILKINSON & CO., Wooden and Willow Ware, Brooms, Brushes, Cordage, Matches, etc., No. 282 Washington Street.—The widely and favorably known house of F. Wilkinson & Co., wholesale dealers in wooden and willow ware, brooms, brushes, cordage, and kindred articles, is in all respects one of the leading concerns of the kind in the city. This reliable house was founded in 1867 by the firm of M. & G. Wilkinson, who conducted it up to about eight years ago, when the style changed to F. Wilkinson & Co., and as such the business has since been conducted with uninterrupted success. They handle everything comprehended in this line, making a specialty of first-class goods, and supply the best class of the grocery, notion, hardware, and house-furnishing trade throughout the entire country east of Chicago. The business premises, which are well ordered and equipped in every respect for the storage and display of stock, occupy the whole of a four-story 30x125-foot structure, and some ten or a dozen in help are employed, besides four travelling salesmen, while several wagons are in steady service. A vast and varied assortment is constantly carried on hand to meet the requirements of an extensive and ever-increasing trade, comprising brooms, brushes, tubs and pails in great variety, churns, baskets of every description, barrel-covers, ax-handles, bail-boxes, cheese-safes, coffee mills, cocoa dippers, curry and dressing combs, bedcords, bowls, broom-racks, butter-dishes, ladles, moulds, prints and tubs, bung starters and borers, cabbage-cutters, corn-poppers, corks, wrapping paper of all kinds, pass-books, lead and slate pencils, flour-sacks, flasks-halters, harness-oil, horse-cards, ink-kegs, keelers, knife-boxes, clothes-lines, twines, axle-grease, blacking, bluing, mucilage, candle-wick, and small wares. The stock also includes clothes-wringers, clothes-pins, horses and hampers, counter and feather dusters, extensions, faucets, fish-hooks, fish-lines, gun-caps, lamp-burners, chimneys, wicks, lanterns, lap-boards, lemon-squeezers, mats, matches, measures, mops, nursery chairs, oil-cans, nest-boxes, penholders, pens, wooden and clay pipes, playing-cards, pulleys, rolling-pins, rope, sash-cords, scoops, snow shovels, slates, sleds, step-ladders, stove-polish, tacks, trays, toothpicks, traps, wash-boards, well-buckets, whisk-brooms, and a multifarious assortment of household specialties; and altogether the trade of the house is exceedingly heavy. The firm is composed of Messrs. Fred. P. and Byron Wilkinson, natives of this city.

HUNTINGTON BROTHERS & CO., Manufacturers of Ladies' Underwear, etc., Nos. 396 and 398 Canal Street.—This house was founded in 1875 by the Messrs. Huntington Bros. & Co., and continued under their joint management for some years when Mr. B. O. Huntington, the present proprietor, succeeded to the entire control. This gentleman, a native of the Empire State, is a typical representative of the active New York merchant. He has developed business connections of the most influential character, and a trade that extends not only to all sections of the United States but also to Canada and the West Indies. The handsome building occupied is of stone, and has four floors, each 80x80 feet in area. A portion is used by the branch of the United States Patent Office, but the branch will be removed to other quarters shortly, and the entire edifice will then be utilized by Mr. Huntington. The vast extent of his business requires the employment of a force of skilled hands, numbering from two hundred to four hundred and fifty, according to the season, and the range of work embraces the manufacture of every description of underwear for ladies' use, also ladies' suits and cloaks, felt and flannel skirts, lace goods, etc. Mr. Huntington also imports extensive quantities of lace goods. The salesrooms are filled with a very heavy stock of these goods, none but the finest grades being handled. Orders are filled on the most advantageous terms, and the goods are, in every case, sold under a guarantee to be exactly as represented.



AUSTIN ADAMS, Agent for Davis' Patent Road Machine and Patent Perfection Water-proof Machine Belting, etc., No. 43 Dey Street.—One of the leading enterprises carried on in this section of the city is that conducted by Austin Adams, agent for the patent perfection water-proof machine belting, and dealer in mechanical specialties, whose establishment is located at No. 43 Dey Street. This business was founded five years ago, and has been prosperous from its inception, owing to the superiority of the goods handled, and the energy and ability brought to bear in the management. A leading specialty is made of the patent "Perfection" belting, which is the finest article of the kind obtainable, being unsurpassed for strength, while it costs much less than leather or rubber belting. It has won the highest premiums for its superiority. This belting is formed by weaving several layers of duck solid in one body. It is thoroughly stretched; consequently in use will not stretch more than leather or rubber belting. It is then saturated with a substantial water-proof compound that will not crack or peel off; on the contrary it forms an excellent and durable driving surface. It is as heavy per square foot as leather belting, and as durable and lasting. It is made without laps or joints, ensuring a perfect true running belt, and being uniform in thickness from end to end, the motion transmitted is smooth and without jar or unequal strain on the fastenings or bearings. Owing to its flexibility, this belt is especially adapted to all kinds of rapid running machinery; for electric-lighting machines, elevators, gin-bands, sand-belts, carrying-belts, railway-belts, agricultural machines, and for driving machinery generally. It is unaffected by heat, cold, or moisture. Samples may be had upon application. In addition to the belting, which he furnishes in all sizes, he also deals in pulleys, shaftings, hangers, friction-clutches, sugar-mill machinery, centrifugals, brick machinery, taper-sleeve pulleys, etc., and is agent for the Skinner Engine Company. Recently he has accepted the management of the selling department of the Davis Road Machine, which is illustrated here—and it will be seen that it is destined to become the leading machine for making and keeping roads in repair. The machines are built of heavy ash timber and wrought hand-made iron work. The pole is 16 feet long, and the scraper 7 feet long and shod with steel. By means of the lever the driver can raise or lower the scraper, or by using the chain can fasten it to any position required. The scraper angles to any position, either to right or left. It is not only used for scraping and removing earth, but during the winter is largely used by the street railway companies for clearing away snow and ice from the tracks. The machine can be seen at No. 43 Dey Street, New York. The trade is large and influential, extending not only to all parts of the United States, but also to other countries, and the sales are annually increasing in volume. By industry, enterprise, and sound business principles, Mr. Adams has won a name and a place in the commercial world, and his prospects in the future give assurance of permanent prosperity.

T. L. TAYLOR, Wall Paper, No. 705 Sixth Avenue.—As a general dealer in wall papers, and in the line of painting and house decoration this gentleman has long held a prominent position in the community. He established his business here in 1872, and has always commanded a liberal and influential

patronage. No one can inspect the stock of foreign and domestic goods exhibited by him without admiring the beautiful combinations of colors and the artistic designs shown. The line of wall papers comprises some of the most costly and expensive workmanship, and others in which extremely rich and pleasing effects are obtained in comparatively inexpensive goods. A large force of skilled workmen is constantly employed in meeting the demands of patrons for painting, decorating, and paper-hanging, and a large patronage is enjoyed which is broadly distributed throughout the city and surrounding country. The tastes and means of all classes of people are promptly met in the excellent stock carried and the superior work performed, and no house is better prepared to satisfy all who need its services. Mr. Taylor is a thoroughly experienced and practical master of his trade, and a recognized leader in his line of art and enterprise.

HENRY FERA, Diamond Importer, No. 10 Maiden Lane.—Prominent among the old-established and reliable diamond importers in the metropolis is Mr. Henry Fera of No. 10 Maiden Lane who for the past seventeen years has carried on his present enterprise, and during the lengthy period has built up a widely extended wholesale trade among jewelers throughout the city and vicinity. Mr. Fera is a heavy importer of diamonds and other precious stones, which he deals in loose or mounted, and makes a specialty of cutting and polishing the jewels in the most thorough and skilful manner. He carries a large and varied stock of these goods which are of guaranteed excellence and may be obtained at the lowest market prices. The stock is displayed to the best advantage and several competent salesmen are employed to fill the orders of patrons with care and promptness. Mr. Fera has a thorough practical knowledge of every detail of this line of business, and gives his personal supervision to its many departments. He removed from Germany, his native place, and settled in New York thirty years ago, and since the inception of his enterprise in 1871 he has won an enviable reputation in commercial circles, and deservedly enjoys the esteem of all with whom he is brought in contact.

F. SCHULER, Manufacturer of Piano-fortes, No. 19 East Fourteenth Street.—Mr. Schuler established this business twenty-three years ago, and has since built up a liberal and permanent patronage. There are a number of houses more pretentious which advertise in high-sounding terms, but for an honest, reliable, trustworthy concern with which to deal, we do not know a better in the piano trade than that of Mr. Schuler. Schuler's square, grand, and upright pianos are unrivalled for the perfect evenness of the scales throughout the entire registers, power and quality of tone, delicacy of touch, durability of workmanship, and beauty of finish, while the prices quoted are much lower than those of other first-class houses. All his upright and other pianos are finished with the same care, the same quality of materials used, and at the same time all are equally guaranteed without regard to the price of the instrument, and all Schuler's pianos are fully warranted for five years. Mr. Schuler rents, exchanges, and sells on monthly payments all kinds of pianos, and makes a specialty of tuning and repairing. He was born in Germany, but has resided in the United States for the last thirty-seven years.

J. R. BLACK, High and Low Steam Heating for Factories, Public and Private Buildings; Dealer in Engineers' and Factory Supplies, No. 355 West Fortieth Street.—In no department of modern mechanical science have more progress and satisfactory results been attained than in the methods now adopted for heating public and private buildings by steam. But unless the work of equipping buildings with steam-heating apparatus is done by an expert the most annoying results are sure to follow. A gentleman who has won deserved distinction as a master of this branch of industry is Mr. J. R. Black of this city, whose headquarters are located at No. 355 West Fortieth Street. Mr. Black founded his business six years ago, bringing to bear upon his operations thorough practical experience, and he has built up a patronage of most influential character through the uniform excellence shown in all work performed by him. He has executed contracts in all sections within a radius of one hundred miles of this city, and in no instance have his services failed to give the fullest satisfaction. Among the places and firms for whom he has done work may be mentioned the following: Hoffman Arms Apartments, Fifty-ninth Street and Madison Avenue; Palisades Apartments, Fifty-sixth Street between Eighth and Ninth avenues; Princeton Apartments, Fifty-seventh Street between Eighth and Ninth avenues; Parkview Apartments, Fifty-ninth Street between Seventh and Eighth avenues; Alexander Walker's Apartments, Forty-third Street between Seventh and Eighth avenues; Steinhart Apartments, Sixty-first Street and Boulevard; Bookman Apartments, Seventy-second Street, Lexington and Third avenues; Riley, Fifty-eighth Street, Eighth and Ninth avenues; Hamburger, One Hundred and Sixteenth Street, Lexington and Fourth avenues; Lowen & Halliday, Thirty-ninth Street near Eighth Avenue; Hubert House Club, 230 West Fifty-ninth Street; D. Stevenson, Thirty-ninth Street and Tenth Avenue; C. Gulden, 46 Elizabeth Street; Travers Bros., Fifty-second Street and Tenth Avenue; Huyler, Eighteenth Street and Irving Place; Runkel Bros., 445 West Thirtieth Street; James A. Frame, 105 East Seventieth Street; Breen & Nason, Fifty-ninth Street and Second Avenue; Crouch & Fitzgerald, Forty-first Street near Ninth Avenue; A. Weber, Fifth Avenue and Sixteenth Street; J. & C. Fischer, 417 West Twenty-eighth Street; Sohmer & Co., Astoria, L. I.; Gedney House, corner Broadway and Fortieth Street; Madison Avenue Hotel, Fifty-eighth Street and Madison Avenue; Healey & Co., 317 West Forty-third Street; Max Ams, 370 Greenwich Street; E. N. Hall, 545 West Twenty-second Street; M. S. Herrman, 9 Franklin Street; Baptist Church, Fifty-sixth Street between Eighth and Ninth avenues; E. Otz, West Hoboken, N. J.; J. Erskine & Son, Union Hill, N. J. Mr. Black furnishes estimates on application, and is prepared to enter into contracts of any magnitude for the complete fitting up of factories, public and private buildings with high and low pressure steam-heating apparatus, making a specialty of exhaust heating and of heating by the hot-water system. His store, conveniently and neatly arranged, is filled with an extensive stock of engineers' and factory supplies of every description, all of the most reliable manufacture, and offered at the lowest prices. Mr. Black employs from fifteen to fifty skilled mechanics in his work, is steadily pushing his business to proportions of greater importance, and he is well deserving of the fullest confidence and most substantial support of the public.

JULIUS WILE & BROTHER, Importers of Wines, etc., No. 51 Murray Street.—A careful review of the large business interests of New York develops the existence of a class of houses in every respect equipped to compete in the several lines they represent with similar establishments in this or any other city in the world. Their extensive stocks, ample resources, and high commercial standing are matters of which our citizens have every reason to be proud. It is not our object to make comparisons, but to present a faithful picture of the mercantile enterprise of the metropolis. Among the leading importers of wines and liquors in this city special mention should be made of the firmly established house of Messrs. Julius Wile & Brother of No. 51 Murray Street. The premises they occupy are spacious, commodious, and are completely stocked with a choice selection of brandies, whiskies, rums, gins, champagne, claret, sauternes, burgundies, sherries, port, cordials, etc. They are the sole agents for A. Tribot, Fils & Co., Cognac, brandies; J. Michaelsen & Co., Bordeaux, clarets and sauternes; Friedrich Krone, Coblenz, Rhine and Moselle wines; Widow Vitoria & Sons, Port St. Mary's, sherries; Ignaz Flandorffer, Oedenburg, Hungarian wines; S. Lhote Fils, Dijon, Burgundy wines; P. Garnier, Enghien, Les Bains, abricotine; B.

Tivet & Co., Bordeaux, cordials; J. J. Melchers, Schiedam, Peacock gin; Henry Urquhart, London, rums; The Nassau Selters Mineral Springs Co., Oberselters; The Anchor Brand, cherry juice; and importers of Kirsch-Zwetschenwasser, Nordhauser Kornschnapps, and all kinds of fruit juices. The business is entirely of a wholesale character, and the goods of this house are highly esteemed throughout the trade for their pure and excellent quality. Dealers have the satisfaction of knowing that here nothing that is of inferior or adulterated character will be sold to them. In consequence of their excellent foreign connections the firm possess ample facilities for conducting their business under the most favorable auspices, and are always prepared to offer every possible advantage to their patrons. This house was founded a dozen years ago by the present proprietors, Messrs. Julius and Isaac Wile, both of whom are natives of Germany. They have both resided in New York for the past thirty years, where they have built up a high reputation for first-class business ability and for probity and liberality in all their transactions. They occupy roomy premises, and their trade extends to all parts of the Union. The firm send out a corps of travelling salesmen, and are very popular in mercantile circles.

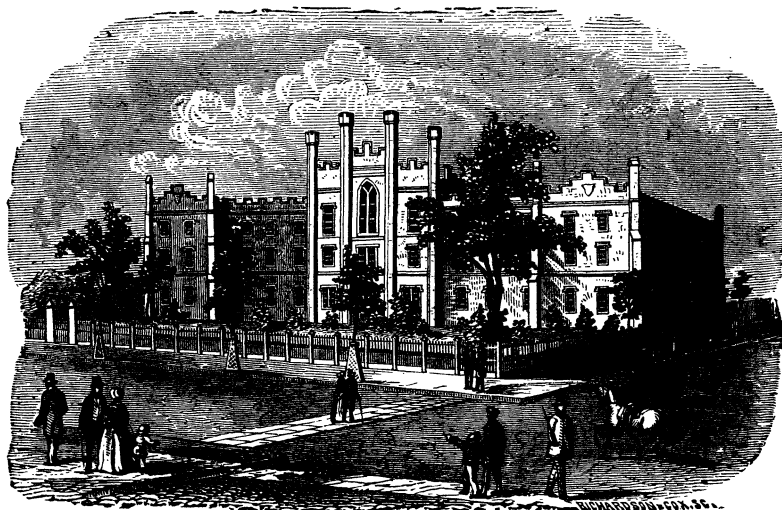
WILLIAM FOSTER, Wholesale Dealer in Oysters and Clams, Barge No. 9, Foot of Charles Street.—The oyster industry forms an important factor among the enterprises of the metropolis, and has been vigorously prosecuted and developed to its present proportions of magnitude by business men of the best order of talent. Among those who have done much to promote the industry and maintain it at its high status is Mr. William Foster, who is one of the oldest and most prominent oyster merchants in New York. A native of New Jersey, he established himself in business in this city in 1845, having two partners, the firm being Foster, Terry & Foster, and subsequently the style changed to William Foster & Co., and still later to that of M. & W. Foster, the enterprise being conducted under their joint management until 1884, when the latter became the sole proprietor. Mr. Foster's long experience has given him a thorough and valuable knowledge of the oyster trade, and how to most satisfactorily meet the wants of the public in this line. He has developed a widespread, influential patronage, and he now ships goods to all sections of the United States and Canada. His business office and headquarters are comprised in Barge No. 9, foot of Charles Street, where every appliance and facility are possessed for the systematic and expeditious transaction of business. Only the choicest grades and varieties of oysters are dealt in, and are furnished in shell, or by the tub or keg, at lowest market prices. The trade is exclusively wholesale, and prompt attention is given all orders. Mr. Foster is the honored treasurer of the Wholesale Oyster Dealers' and Planters' Association, and has ever given that organization a substantial support.

E. SAMUELS & BRO., London Tailors, No. 246 Bowery.—One of the most important business establishments on the Bowery is that of Messrs. E. Samuels & Bro., the popular London Tailors, which has been established since 1880, and the able manner in which it is conducted by Mr. J. C. Samuels, who has the entire management of the operations, reflects the highest credit upon his skill and judgment, and the extensive trade he is doing is at once an evidence that the community fully appreciate his efforts to supply the very best and most fashionable clothing at popular prices. The very neatly arranged commodious store is 20x50 feet in area, and is well stocked with a large and varied assortment of all the desirable fabrics in suitings and fine woolsens and trowserings, cloths, tweeds, vestings, overcoatings, etc., embracing everything that is new, beautiful, and stylish, of English, French, and American production. Every attention is given by E. Samuels, to the cutting and fitting department and nothing is allowed to leave the store without undergoing the closest examination and inspection of Mr. Samuels. Skilled work-people only are employed and every care is given to all details. Mr. Samuels has a wide reputation as an artistic-cutter and fashioner of gentlemen's wearing apparel, and enjoys an excellent reputation for liberal, honorable dealings and the high character of his workmanship. They are of the most popular merchant tailors on the Bowery, and among the first to introduce the new styles and fashions as soon as brought out. A native of Germany, Mr. Samuels has for many years been a citizen of New York.

HENRY ARDEN, Manufacturer's Agent, No. 44 Vesey Street.—A gentleman who is filling a most useful position in the mercantile circles of the city, and who has won a high reputation in his special branch of industry, is Mr. Henry Arden, of No. 44 Vesey Street. Mr. Arden carries on general operations as a broker in paper and stationery of all kinds, and since he founded his business four years ago has developed an extensive connection, building up a trade in all parts of this city, Brooklyn, and New Jersey. He furnishes in any desired quantity all varieties of domestic and foreign paper, stationery, copy-books and general school supplies, printed bill and letter heads, cards, circulars, catalogues, lithographed checks, bonds, stocks, etc., and gives particular attention to designing and engraving visiting and wedding cards, monograms, crests, etc. He furnishes transparent glass signs, metal signs, also paper-cutters, twine and cord, silk flax, linen, and cotton in all colors, leather goods, pocket-books, portfolios, card-cases, and silver goods, button-hooks, book-marks, canes in rare and ordinary woods, snake, ebony, mohra, and cocoa, and boxes of all descriptions, silver, tin, wood, and paper. Samples by mail if desired, or will call personally with samples if notified by postal. In the matter of prices Mr. Arden can offer special inducements, and persons in want of any goods in the above lines will do well to examine his rates. All orders are given immediate attention, and satisfaction with goods is assured in every case. Mr. Arden is a native of this city and enjoys a wide circle of business and social acquaintances, by whom he is highly

esteemed. During the late war he enlisted in a New York regiment, and served with credit through the campaign. He is a responsible, progressive business man, and is untiring in his efforts to serve the public acceptably in all his operations.

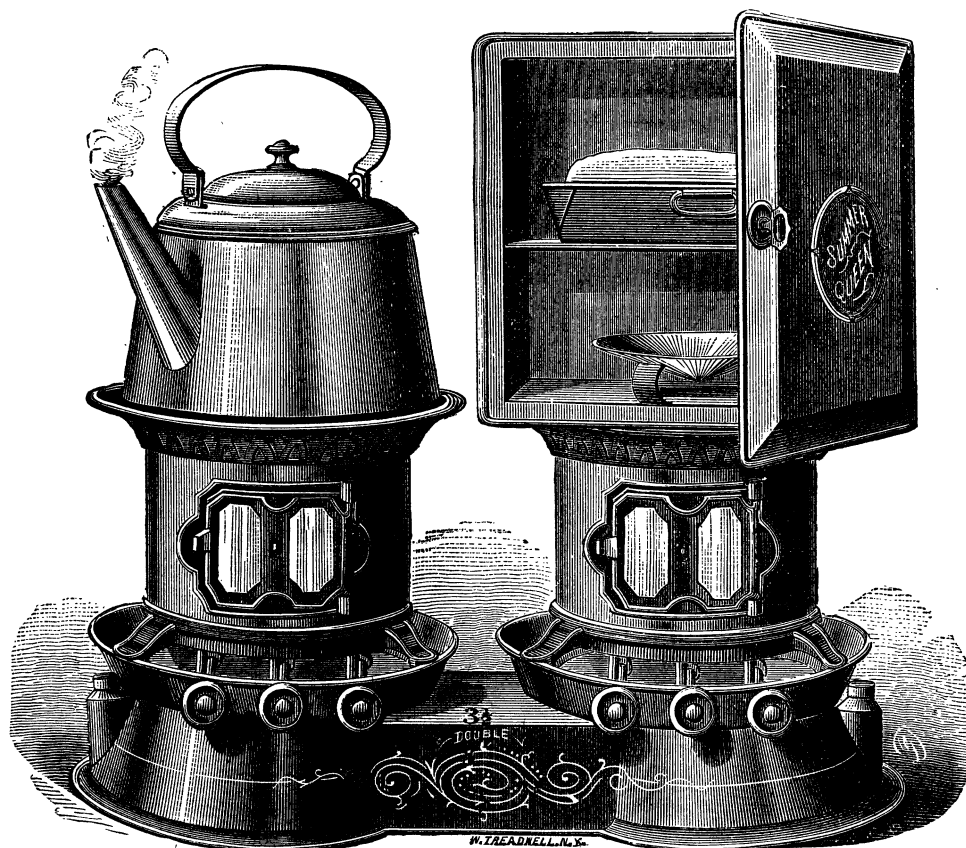
WM. D. WINES, Manufacturer of Corrugated Iron, Metal Cornices, Mouldings, etc., No. 44 Centre Street.—Specialized branches of trade have come to a more perfect development in the city of New York than any where else in the world, and a forcible illustration of this is afforded by the establishment of Mr. William D. Wines, the widely and favorably known manufacturer of corrugated iron of all kinds, metal cornices, mouldings, etc. The business was founded by Messrs. Noyes and Wines in a small shed on Duane Street in 1837,—now the leading concern of its kind in the city. Upon the retirement of Mr. Noyes in July, 1886, Mr.



Deaf Mute Institution.

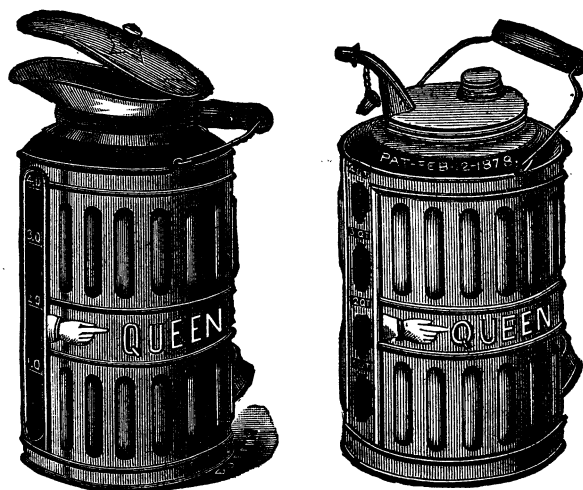
Wines become sole proprietor, and has since continued to actively carry on the trade upon the old-time basis of efficiency and integrity. It is well understood that he brings to bear exceptional qualifications, such as forty years' active experience, perfected facilities, and influential connections. His present premises comprise the entire four-story-and-basement building No. 44 Centre Street, 25x90 feet and fully stocked with all sizes, patterns, and shapes of corrugated iron for architectural and other purposes. Mr. Wines maintains the highest standard as to quality, while his sound judgment and good taste are manifest in the numerous beautiful designs in cornices, mouldings, etc.; he originates also for his customers desirable ornamental work in zinc and copper. He employs from forty to seventy-five hands in manufacturing and putting up work, and does a large trade with leading architects and builders. Among the prominent modern edifices to which he has supplied materials are the Welles Building, Standard Oil Building, Murray Hill Hotel; for the stations on the Third and Ninth Avenue Elevated Railroads; to the Union Elevated Railroad of Brooklyn, now building, and many others too numerous to mention. Mr. Wines contracts for the construction of iron buildings, roofs, viaducts, etc., and has all facilities and ample resources to carry through to a successful issue the most important undertakings. He was born in this city, and has here achieved an honored success and controls the leading trade in his line.

SWEIL, Boot and Shoe Manufacturer, No. 80 Warren Street.—The production of shoes in large quantities is a business requiring for its successful management the exercise of more tact, skill, and practical knowledge than almost any other branch of manufacturing industry. The selection and purchasing of stock, the determination of styles and finish to suit different and distant markets, the best means of economy in production, and, finally, the presentation to the customer of the finest article in such a manner as will convince him of its merits and its suitability to his trade. These are but a few of the precautions and methods to be observed by the successful manufacturer. Prominent among the houses so engaged in this city is that of Mr. S. Weil, No. 80 Warren Street, which was founded originally under the firm style of Weil Brothers, twenty-two years ago. The premises occupied are very commodious and spacious, and comprise the four upper floors of the building, which is 30x100 feet in dimensions. The manufacturing department is fully equipped with all the latest improved machinery and appliances known to the trade, employment being given to from 75 to



C. RIESSNER & CO., Manufacturers of Oil Stoves, Gas Stoves, Transparent Oil Cans, etc., No. 406 Pearl Street, and No. 12 New Bowery.—The great leading representative of the manufacture of oil stoves, gas stoves, etc., is the incorporated company of "C. Riessner & Co.," of New York. The name of Riessner has become prominently identified with the production of much the best and most reliable styles of the above specialties. The old firm of C. Riessner & Co. was changed to a corporation in 1887, and organized under the laws of this State, with a capital of \$100,000. The officers are as follows: Mr. Charles E. Meier, President, a capitalist of the highest standing and great executive ability, and under whose guidance the company is remarkably successful. Mr. George Meier is treasurer. He is a brother of the president, and ably and faithfully discharges the onerous duties devolving upon him. The secretary of the company is Mr. Fredk. Riessner, brother of the original founder of the business, and who had been connected with the old firm since 1875. All the above are men full of energy and enterprise, widely experienced in their line, and possessing unrivalled manufacturing facilities. The premises occupied are very extensive, comprising the entire six-story and basement brick and iron building No. 406 Pearl Street, extending entirely through the block to No. 12 New Bowery. It is fitted up throughout in first-class style, with improved machinery, and from eighty to one hundred hands are employed in the various departments. The officers of the company give close personal supervision to all the processes of manufacture, and exercise the utmost care to use only the best materials. Their styles of oil and gas stoves are superior to all others, and are the popular favorites both with the trade and consumers. They are the cheapest and best, and there are more of the Riessner brand of these stoves in use in the United States than any other make. The company is also sole manufacturer of the celebrated "Queen" Transparent Oil Cans, the "Queen" Transparent Syrup Cans and all styles of lanterns, etc. Workmanship and

materials are in all cases guaranteed, and the prices cannot be duplicated elsewhere. The progressive spirit of the company is fully



recognized in the community, and the equitable policy, as well as the superior character of the product, indicate for "C. Riessner & Co." the permanent supremacy in its branch of industry.

LEGAT BROTHERS, Booksellers, No. 81 Chambers Street.—The most famous booksellers of New York city are the Messrs. Leggat Brothers of No. 81 Chambers Street. They bring to bear the widest range of practical experience, the most perfect facilities and the most influential connections of any house in the land, while by far the largest, most comprehensive, and valuable stock of new and second-hand books has been gathered together here. The Messrs. Leggat established this concern in 1855, and for many years were located in Beekman Street, at the present site of the new Temple Court. The tearing down of the old building necessitated their removal to their present very central and roomy premises in Chambers Street, and which extend entirely through the block to Reade Street. Here are congregated in classified and orderly array over half a million volumes, comprising everything in rare, curious, and current literature. It will give but a faint idea of the immensity of this stock when we state that it is second only to the Congressional Library in number of volumes, and that no library in this city approaches Messrs. Leggat Brothers' stock in magnitude. The trade is correspondingly large, and international in its character. Book-hunters, foiled and disappointed in getting some coveted volume elsewhere, can almost invariably obtain it here. The firm are the most progressive and enterprising booksellers in the United States. The customary inertia of the average book-store gives place in this great emporium (lit throughout by the electric light) to bustle and activity in keeping with the heavy trade done. The firm are the largest buyers in the market; nothing escapes them; they are represented at every auction sale, and in order to let the public far and near get an accurate knowledge of the treasures in this great array of volumes, the firm, at frequent intervals, issue large descriptive catalogues and price-lists from which selections can be made with accuracy and confidence. The various catalogues issued by this firm are the best and most exhaustive of general literature in existence, and will be mailed to any address on application. Scientific catalogues are also published. Among the firm's customers are all public and private libraries, colleges, literary men, scientists, specialists, and other dealers in the trade. The most extraordinary low prices govern sales here. Nowhere can books be purchased so cheaply. Those interested in buying books cheap, should examine one of Messrs. Leggat Brothers' catalogues, where the publisher's price is given, and their reduced quotation follows—generally about one-half or less of the original price. In many cases valuable works can be had for a fraction of their cost. The "Baronial Halls of England," for instance, selling-price \$50, can be had here for \$18, and so on. Liberal prices are paid for entire libraries and parcels of books. This is the recognized headquarters for fine illustrated and holiday books, and it will always pay to visit Leggat Brothers before going elsewhere. The firm's honorable and upright methods have ever retained for it the confidence of the financial and commercial world, and New York is to be congratulated upon being the location of this, the largest bookselling establishment on the continent.

MALCOMSON & CO., Manufacturers of Kilt Suits, Boys' and Children's Clothing, Nos. 102 and 104 Prince Street (formerly No. 549 Broadway).—The manufacturing interests of New York, while being exceedingly diversified, are of far greater magnitude than is generally supposed by those unfamiliar with the city. The enterprise of Messrs. Malcomson & Co., the well-known manufacturers of kilt suits, boys' and children's clothing, at Nos. 102 and 104 Prince Street (formerly No. 549 Broadway), is a case in point, and as a pioneer in its special line, and one of the largest establishments of the kind in the city, is a particularly fit subject for comment in this connection. This house has been in successful operation since 1867, and has become celebrated not only in this city but in all sections of the country, while the trade which it enjoys throughout the United States is the strongest possible evidence that the work turned out is of no ordinary grade of excellence. The premises occupied for manufacturing and sales purposes are very spacious, and unsurpassed facilities are provided for rapid and perfect production, and for conducting all branches of the business upon the largest scale. Employment is given to fifty skilled hands in the building and to a large force outside, and the output is one of great magnitude and importance. The resources of the firm enable it to raise the standard and cheapen the cost of production in every possible respect, while the guarantee that goes with all goods sold is proof of the skill used in workmanship and the quality of stock utilized in their manufacture. An immense stock is carried at all times to supply the wholesale trade, and every facility is at hand for the prompt and perfect

fulfillment of all orders, while every advantage is granted to customers in liberality of terms and prices that is known to the trade. The firm is composed of Messrs. Henry T. Malcomson, Edward Bridgen, and John McNevenall, experienced manufacturers, and gentlemen of high social and business standing in the city. The house removed to the present address owing to the large Broadway fire.

CONKLIN & BREWSTER, Importers and Makers of Fine Neckwear, No. 749 Broadway.—In its line of business there is no more active and enterprising house than that of Messrs. Conklin & Brewster, manufacturers of men's neckwear. Messrs. O. J. Conklin and N. W. Brewster, are both young men, live and wide-awake, possessing vim and business ability of a high order, have been associated during the past two years, and by their energy and enterprise have succeeded in establishing a first-class substantial trade extending throughout the United States. The firm each season introduce many new, beautiful, stylish, fashionable designs in neckwear and ties in silk and other fabrics, and may be fairly said to rank foremost among the leaders in their line of manufacture in the city. They are at present getting out a number of novel-



ties for spring trade which are beautiful and unique in both style and material. The goods are neatly and tastefully made and command the attention of the trade, meet with a steady sale, and are always in demand. Both members of the firm are natives of New York, and are popular and prominent in business circles, and justly merit the success attained by their ability, energy, and perseverance. For the purposes of the business premises having an area of 120x75 feet are occupied, which are thoroughly equipped and provided with every convenience for manufacturing purposes, and a number of skilled workpeople are kept constantly employed at remunerative wages. The house of Messrs. Conklin & Brewster is representative in its line, and the trade is steadily growing each season under the able management of the firm.

J. H. STILL & CO., Wholesale Planters of, Dealers in, and Shippers of Oysters and Clams, Boat No. 11, foot of West Tenth Street.—The house now conducted by Messrs. J. H. Still & Co. are widely prominent as wholesale planters of, dealers in, and shippers of oysters and clams, carrying constantly in stock all kinds of fancy oysters, and shipping the same to all parts of the United States, Canada, and Europe. The business was founded in 1855 by J. H. Still, and a partnership was formed with Mr. W. Silsbee in 1864, who were succeeded by the present firm in 1885. The premises occupied for trade purposes comprise a three-story float, 25x75 feet in dimensions, affording every accommodation for a large and active traffic in shell goods and the choicest bivalves known to the oyster trade. The stock carried is one of the largest and finest in the city, and the brands of fancy oysters of this house are widely known and universally popular for their freshness, fine flavor, size and uniform excellence. The trade is large, first-class, and influential in this city and throughout the State. Mr. Still, the active member of the firm, has a retail store at No. 195 Third Avenue, is a native of New York, and widely and favorably known as an experienced, reliable, and trustworthy merchant.

JAMES F. CONLEY, House, Sign, and Decorative Painter and Paper Hanger, No. 136 East Thirty-first Street.—In that important department of industry devoted to paper hanging and general painting a leading position is occupied by Mr. James F. Conley, in this city. The business of this house was founded in 1867 by Messrs. Brown & Conley, and was continued under their joint control until January, 1887. In the spring Mr. Conley succeeded to the entire control, since which time he has prosecuted the enterprise with unabated vigor and success. A thoroughly skilled workman of many years' experience, Mr. Conley is amply qualified and is well prepared to at all times enter into contracts for the execution of every description of painting and paper hanging, and guaranteeing that the largest or smallest demands upon him will be pushed through to a rapid and satisfactory completion. None but the most competent workmen are employed, while reasonable prices and thoroughly performed work make this house well worthy of patronage. Mr. Conley has been almost a life-long resident of New York, and in all cases where his services are employed he can be depended upon to give the utmost satisfaction.

CHAS. REINWORTH, Manufacturer of Pianoforte Covered Strings, No. 144 East Fourteenth Street.—The days in which we live are full of close and keen competition in business. The time is past when one machinist attempts to make everything from a needle to a steam-engine. Everything now seems to tend towards the manufacture of specialties. Some of these, to the inexperienced, may be seemingly small things, but if used in current demand and in large quantities, the experienced manufacturer knows how to make his estimate. The strings of a piano may appear a small item of commerce, but from the immense number of them in continual use they become a very valuable item of trade. Mr. Chas. Reinworth makes a special and exclusive business of the manufacture of pianoforte covered strings, and in such has achieved a reputation which is national. He is able, through a system of his own, and in the employment of special machinery for the purpose, to produce these at prices which cannot be touched by any other manufacturer in the United States. He supplies a very large portion of the manufacturing and jobbing trade in the city with these goods. Mr. Reinworth is the inventor and patentee of the famous duplex string-covering machines, which are now so extensively used, both in the United States and in Europe. This gentleman has been established here in this business for the past thirty years, and for the greater part of this time has occupied his present position. The premises occupied by Mr. Reinworth are directly opposite the Academy of Music, No. 114 East Fourteenth Street, and consist of a spacious and elaborately fitted-up establishment, in dimensions 25x80 feet. Here a very extensive stock of these goods is all the time kept on hand to meet the requirements of the trade, the whole affording employment to some thirty skilled assistants, who are intimately acquainted in this character of business. Mr. Reinworth is a Russian by birth, but has been a resident of New York most of his life.

THE ALBERTYPE COMPANY.—Adolph Wittemann, Importer and Publisher—Views, Souvenir Albums, Natural Flower Cards, Vienna Decorated Stationery, Novelties—Nos. 58 and 60 Reade Street.—The Albertype company has provided and invented a new process in photographing and photo-mechanical printing for illustrative and advertising purposes. The president of the company, Mr. Adolph Wittemann, is a native of Germany, and has long resided in New York, establishing himself in business here in 1873 as an importer and publisher of American views in souvenir albums, etc. In May, 1887, he organized the Albertype Company, and in September moved to his present address. Here he occupies three stories of the building, 50x60 feet in dimensions, admirably equipped throughout with every appliance and convenience to manufacture his goods complete, and employment is afforded a force of forty artists and workmen in the various departments. A heavy stock of views all over the American continent is carried to meet the demands of every season's trade, and all orders are filled on the most favorable terms. In the Albertype, or the German "Lichtdruck" process, the finest effects are produced, making it particularly suitable for art, scientific, and fine book work, as well as high-class commercial illustrations. A large business is done in this department, and the patronage goes on steadily increasing. The trade of the house extends to all portions of North America, and its reputation is of the highest character wherever known. Mr. Wittemann attends personally to the supervision of his affairs, and will always be found prompt in meeting the demands of his patrons.

JAMES M. HILLERY, Commission Merchant and Wholesale Dealer in Hay, Straw, and Grain, Nos. 562 and 564 West Thirty-fourth Street.—The activity and predominance of the New York hay and grain market is greatly due to the sterling enterprise and energy manifested by our leading commission houses. One of the most widely and favorably known is that of Mr. James M. Hillery located at Nos. 562 and 564 West Thirty-fourth Street, on the line of the N. Y. Central and West Shore Railroads. Mr. Hillery is prominent as a commission merchant and wholesale dealer in hay, straw, and grain, and has been actively engaged in the business here for some twenty years. He occupies a three-story brick building, which is fitted up with every convenience for the handling and storage of the immense stock that is constantly carried. Mr. Hillery offers every facility and advantage to shippers of the important commodities mentioned, and numbers among his permanent patrons many prominent producers in all parts of the country. He makes liberal

advancements on consignments when required, and prompt returns have always been the rule with this reliable and trustworthy house. Orders by telephone or otherwise are promptly filled, and prices are always satisfactory. The influence exercised by this house on the grain-commission trade has ever been of the most salutary character, and those interested in establishing relations with it may depend on receiving prompt and liberal treatment and many advantages difficult to be secured elsewhere. Mr. Hillery is a native of New York State and a member of the Produce Exchange of this city, ever manifesting a deep interest in all measures conducive to the benefit and welfare of that important institution, and is known in business circles as a leader in his line of commercial activity, and thoroughly reliable and responsible in all his dealings.

J. FITZPATRICK & CO., Importers and Manufacturers of French, English, and American Plate Glass, Nos. 28 and 30 North Moore Street.—An especially noteworthy and representative New York plate-glass firm is that of J. Fitzpatrick & Co., importers and manufacturers of French, English, and American plate, window, picture, and photograph glass. This widely and honorably known house was founded upward of fifty years ago by the present senior member, who conducted it alone up to 1875, when he admitted into partnership his sons, J. J. and C. J. Fitzpatrick, and thus was constituted the firm of J. Fitzpatrick & Co., under which style the business has since been continued with uninterrupted success. Being all men of push, enterprise, and ample experience, and conducting the establishment on strict business principles, Messrs. Fitzpatrick have attained a place in the forefront in their line. The warehouse is a handsome and commodious seven-story 32x120, foot brick structure, all of which is occupied by the firm, and is well-ordered and completely equipped throughout in every department, while a vast and varied assortment is constantly carried in stock, comprising massive and magnificent plate-glass of French, English, and American production; also imported and domestic window, picture, and photograph glass of every variety. The stock likewise embraces rich and beautiful leaded cathedral glass and ornamental glass for churches, dwellings, etc., in artistic designs and exquisite workmanship, and also an extensive and superb assortment of embossed, cut, ground, and bent glass; in short, everything comprehended in this line can always be found in this capacious and notable concern. Upward of fifty in help are employed on the premises, while an efficient staff of travelling salesmen are maintained on the road, and altogether the trade of the firm, which extends all over the United States, is exceedingly heavy.

ISAAC SOMMERS & CO., Importers of Brandies, Gins, Wines, Whiskies, etc., No. 12 Vesey Street.—Among the leading importers of wines and liquors prominent mention should be made of the old-established and reliable house of Messrs. Isaac Sommers & Co., No. 12 Vesey Street. The business was founded by Mr. Sommers in 1866, and though the present style of the house was adopted some years ago, he is now the sole proprietor. Born in Germany, he has for the past forty years been a resident in this city, and he has a business record of which he may be justly proud. For the purposes of his business he occupies at the address already given, the first floor and basement of the building, each of which are 25x200 feet in dimensions. Here is carried a full stock of the finest Rhine and Moselle wines, ports, sherries, brandies, rums, gins, and cased goods of every description, which are unsurpassed for quality and excellence by those of any other similar first-class house in the trade. A full line of Kentucky, Pennsylvania, and Maryland rye and bourbon whiskies. His blended whiskies have a world-wide reputation. Mr. Sommers is agent for A. de Miriam & Co.'s cognac, Vaughn Jones' (London) Old Tom gin, De Kuyper & Sons' (Schiedam) Manhattan Club gin, London Dock (London), Jamaica rum, Matador, Picador, and Torero sherries from Cadiz, Picador and Torero ports from Oporto, and Lavigne & Fils clarets from Bordeaux. These are the purest goods of their kind to be found in the market. They are sold exclusively at wholesale, free, or in bond, in the ports of entry, or in the bonded warehouses of the different states where manufactured, large quantities being allowed to remain and mature until required for the demands of the trade. In all his operations Mr. Sommers will be found prompt, liberal, and enterprising, always desirous for the benefit of customers, and prepared to offer advantages in keeping with such a reputation.

5 CENTS.



W. & S.
Cough Drops.
NEW YORK.

For Coughs, Colds, Hoarseness
and Sore Throats.

Purifies the Blood and Relieves Dyspepsia.

"W. & S. STAMPED ON EACH DROP."

FOR SALE BY

DRUGGISTS and CONFECTIONERS.

WOOD & SELICK, Manufacturing Chemists, Bakers' and Confectioners' Supplies, Manufacturers of the W. & S. Cough Drops, No. 39 Jay Street.—A progressive and representative house in the metropolis, extensively engaged in the production of bakers' and confectioners' supplies and the famous W. & S. cough drops, is that of Messrs. Wood & Selick, whose office, sales-rooms, etc., are located at No. 39 Jay Street. This widely known business was established in 1882 by the present copartners, Messrs.

chial and throat diseases. A single trial will at once convince the most skeptical of their medicinal and restoring qualities. The W. & S. cough drops are for sale by all druggists and confectioners in all sections of the country. The firm fill all orders promptly and carefully at the lowest possible prices. Both Messrs. Wood & Selick are highly regarded by the community for their sound business principles and integrity, and their prospects in the near future are of the most favorable and encouraging character.



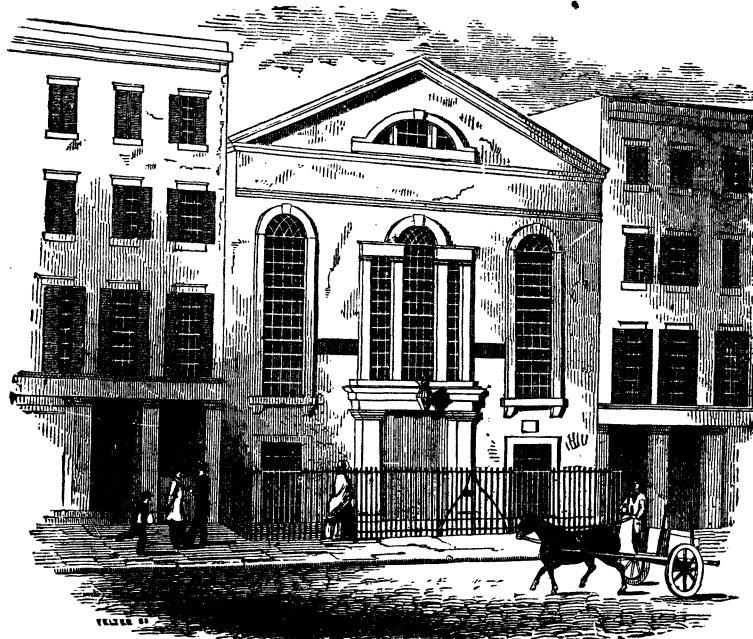
Chas. Wood and C. H. Selick, both of whom are thoroughly practical manufacturing chemists, fully conversant with every detail and feature of this growing and important industry. The premises occupied comprise a commodious four-story building, 24x100 feet in area. The manufacturing department is fully equipped with the latest improved apparatus, appliances, and machinery necessary for the systematic conduct of the business. Messrs. Wood & Selick employ constantly 50 experienced operatives, and their trade now extends throughout all sections of the United States and Canada, and is steadily increasing, owing to the superiority, quality, purity, and excellence of their productions, which are general favorites with the trade and public wherever introduced. In addition to the manufacture of all kinds of bakers' and confectioners' supplies, the firm make a specialty of the celebrated W. & S. cough drops. These unrivalled cough drops are guaranteed to be the best yet introduced to the public for coughs, colds, hoarseness, and sore throat. They have a most excellent effect and purify the blood, and are recommended and prescribed by eminent physicians for coughs, colds, etc., and particularly for all bron-

GOODWIN BROS., Manufacturers of Artistic Pottery and Lamps, etc.; F. S. Parmelee, Manager; No. 24 Park Place.—Perhaps in no branch of industry, science, or art, has the march of progress left more notable imprint within recent years in this country than in the interesting and important sphere of activity devoted to the production of ceramic wares. And while it is probably a fact that from a purely æsthetic point of view the pottery art has not yet fully attained the complete development here which it has reached in a few centres of the industry in the old world, for beauty and originality of design, delicacy of workmanship, and exquisite decoration, American products in this line will compare very favorably with the best productions of England or continental Europe. Of the especially noteworthy firms engaged in this branch of industrial activity in the United States, few, if any, are more widely or favorably known than the old-established and flourishing firm of Goodwin Bros., manufacturers of artistic pottery and lamps, whose capacious and well-equipped factory is located at Elmwood, Hartford County, Conn., with the New York house situated at No. 24 Park Place, and which, since the inception of the enterprise, well upward of half a century ago, has maintained a record of steady progress, being one of the oldest, foremost, and most successful concerns of the kind in the entire country. The products of this notable and representative American establishment are of a very high order of excellence in every feature of merit—in design, execution, decoration, and finish—and as a consequence, the Goodwin Bros.' pottery, lamps, and art-ware are in steady and extensive demand in the trade throughout the United States, while the business grows apace annually. This flourishing enterprise was started in 1833, at Elmwood Conn., and about six years ago, in order to obtain more ample facilities to meet the requirements of the increased trade, the New York salesrooms, which are under the capable and efficient management of Mr. F. S. Parmelee, were established, and the positive and permanent success that has attended the venture in this city from the first amply attests the wisdom that inspired the same, as well as the energy and ability displayed in conducting the business here. The premises occupied at No. 24 Park Place are spacious and commodious and handsomely appointed, while a heavy and magnificent stock is constantly carried, embracing superb vases in unique and artistic designs and exquisite finish, beautiful hanging vases, elegant and attractive umbrella stands, richly-decorated cuspidors, fancy flower pots in great variety splendid lamps—table lamps a specialty—a full and fine line of Rockingham and yellow ware. Their trade is extensive and of steady growth, and reaches from the Atlantic to the Pacific, and is of the most gratifying character.

G. W. SHALLCROSS & CO., Fruit and Produce Commission Merchants, No. 113 Warren Street.—In examining the business interests of this city one is impressed with the large number of extensive establishments whose proprietors have been subjected to a thorough training in all the details of their business, and who are recognized as representatives of their special industry. Such a firm is that of Messrs. G. W. Shallcross & Co., the well-known fruit and produce commission merchants, at No. 113 Warren Street. They established their business originally in 1871 in the city of Philadelphia, and removed to New York in 1884. Here they occupy a store and basement, 25x100 feet each, and have the best possible facilities for conducting the business upon a large scale. The firm deal at wholesale exclusively, and handle the various products of the farm, the orchard, and the garden in large quantities, receiving their supplies from producers and shippers in car lots. As agents for buyer and seller, their facilities are of the most perfect character, with an extended acquaintance in the best business circles, and the interests of their patrons is the first care of the house. A full and complete stock is constantly carried in every line, special efforts being made to secure the most superior goods, and to offer only such as are fresh and wholesome. The firm are prompt in disposing of consignments, and equally expeditious in making returns, the highest prices being assured in every case.

the superiority of its productions, and bears an enviable reputation in the trade. Mr. Ridley's mature experience has made him a master of his art in all its intricate details, and he is amply capable of satisfactorily meeting all demands that may be made upon his resources. The premises utilized for the purposes of the industry are equipped in the most approved modern style with presses and all requisite appliances. A staff of efficient workmen are furnished employment, and Mr. Ridley carries on general business in engraving and printing wedding and visiting cards, notes, checks, etc., stamping and plate-printing, monograms, dies, etc., and embossing in plain or color work. The greatest of care is exercised in the various departments, and the productions of the establishment are noted for their superior artistic merits and fineness of finish. Mr. Ridley, though born in England, has been a resident of this city for the past fifty years. As a talented exponent of his vocation he has ever been respected for his ability and progressive business policy, while as a private citizen he is held in the highest esteem.

J. W. RUSSELL & CO., Manufacturers of Glass Signs, No. 294 Pearl Street.—A widely known and successful house in the metropolis, engaged in the manufacture of glass signs, is that of Messrs. J. W. Russell & Co., whose office, factory, and salesrooms are located at No. 294 Pearl Street. This business



1860—John Street Methodist Church.

Shipments are received from all parts of the United States, and the business is characterized by a steady and healthy growth resulting from the enterprise and entire reliability of the management. The firm is composed of Messrs. G. W. Shallcross and T. Wirt Fountain, both in the prime of life, thoroughly experienced in all the phases of the commission business, and eminently deserving of the confidence and patronage of buyers and producers.

S. AMUEL C. RIDLEY, Embosser, Plain or Color Illuminating, etc., No. 87 Fulton Street.—An establishment that has long been filling a useful and prominent place in its special department of industry in this city, and which is well worthy of favorable notice in this volume, is the house of Samuel C. Ridley, engraver, embosser, and plate-printer, of No. 87 Fulton Street. This is one of the oldest concerns of the kind in New York, and has long been favorably known to the public. The business was inaugurated in 1847 by Mr. Joseph Kelly, who carried on the business for ten years. Mr. Ridley, the present proprietor, was with Mr. Kelly for five years and then succeeded to the entire control. The house has always been noted for

was established ten years ago by the present proprietors, Messrs. J. W. Russell and E. Dauphinat, both of whom bring great practical experience to bear, coupled with an intimate knowledge of this unique and artistic industry and the requirements of patrons. The premises occupied comprise four spacious floors, 30x100 feet in dimensions. The workshops are fully equipped with all modern appliances and apparatus known to the trade, while employment is given in the various departments to thirty skilled workmen. Messrs. J. W. Russell & Co. manufacture extensively glass signs for advertising purposes, for insurance, steamship, and railroad companies; shoe, cigar, liquor, and brewing firms. These glass signs are absolutely unrivalled for elegance, durability, finish, and workmanship, and are very attractive and popular wherever introduced, while the prices quoted for them are exceedingly moderate. The trade of the house extends not only throughout all sections of the United States, but likewise to Canada. Both gentlemen have resided in New York for the last fifteen years, and are highly regarded in mercantile circles for their enterprise, industry, and integrity—justly meriting the signal success achieved in this useful and growing business.

METROPOLITAN LIFE INSURANCE CO., Chief Office, Metropolitan Building, corner Park Place and Church Street.—No life insurance company has been managed with such consummate ability as the Metropolitan. It embarked in business more than twenty years ago in the new and untried field of industrial insurance, and its executive officers have during the intervening period developed the most admirable system in existence for the insuring of the multitude on the basis of small weekly payments. The company has met with the most remarkable success on record in the insurance circles of the world. This success was strictly the outcome of thorough organization, talented management, and sterling integrity. The officers and directors of the company to whom is due the credit of the phenomenal prosperity and nationally beneficial career of the Metropolitan, are as follows: Joseph F. Knapp, president; John R. Hegeman, vice-president; Stewart L. Woodford, counsel. Directors: Joseph F. Knapp, president of the Company; Hon. Thomas L. James, ex-Postmaster-General of the United States, president Lincoln National Bank, New York; Hon. William Henry Arnoux, formerly judge Superior Court of the City of New York, counselor-at-law; Hon. Silas B. Dutcher, president Dime Savings Bank, New York; Hon. Enoch L. Fancher, judge of the Court of Arbitration, New York; D. C. Ripley, retired, New York; Charles Curtiss, president Dry Dock Savings Bank, New York; John M. Crane, president Nat. Shoe and Leather Bank, New York; James L. Stewart, retired, New York; Emery M. Van Tassel, merchant, New York; Eli Beard, merchant, New York; H. Toulmin, merchant, New York; John R. Hegeman, vice-president of the Company. A more representative body of capitalists and business men could not have been gathered together. Mr. Knapp has labored indefatigably to develop the present enormous business of the Company, and under his progressive guidance its affairs are in the most flourishing condition, and it has a surplus over and above all liabilities of over a million dollars. Mr. Knapp has the valued support of Mr. John R. Hegeman, the vice-president, a gentleman of wide experience and great ability. The Company has literally covered every section of the United States, between Maine and Missouri, with its branches, and there is no one, young or old, of either sex, who being in good health cannot now be insured in this noble institution. The resources which have been carefully husbanded and are so splendidly invested, amount to nearly \$5,000,000. It has up to the present time paid to its beneficiaries about \$14,000,000, and was the first company in the United States to make payments of its industrial policies immediately on notification of death. It insures women and children as readily as males, and the cost of a policy once issued never increases on account of advancing years, but on the contrary, in the case of children, the insurance increases every year up to twelve years of age, without increase of premiums. The equitable nature of the Metropolitan rates is shown by the fact that five cents a week will insure a child aged from one to thirteen years for \$15 to \$115; ten cents a week will insure a person aged twenty years for \$100; twenty-five cents a week will insure a person aged thirty years for \$360. The Company has now in force upward of 1,300,000 industrial policies, and the roll is steadily enlarging. In all our great cities the Metropolitan ranks foremost as to amount of business done.

THE CHARLES PARKER COMPANY, Hardware Manufacturers, Meriden, Conn.; New York Salesrooms, No. 97 Chambers Street; Edward Bernard, Manager.—In the United States—which may be termed the Eldorado for the sportsman or hunter—great study has been devoted to the manufacture of guns and sporting implements of all kinds, with the result that our productions are unsurpassed, and in many cases unequalled, by those of any other country in the world. And, in this particular connection we wish to direct the attention of the reader to the specialties made by the Charles Parker Company, of Meriden, Conn., whose salesrooms in this city are located at No. 97 Chambers Street. The company founded their industry over fifty years ago, and since that period the Parker gun, and their other specialties have gained a world-wide reputation because of their superior excellence. The Parker shot-gun is in the hands of sportsmen in every State and Territory of the Union, and most of the foreign countries, and has stood the test in the most satisfactory manner for hard and continuous service in competition with the best guns of both home and foreign manufacture. This gun is presented to the trade and to sportsmen to meet a demand that exists for a "top-action" gun that combines all the essential qualities of a perfect gun, which are

simplicity of construction, excellence of workmanship, beauty of proportion, balance, shooting qualities, and capacity to resist the strain of long-continued use. The gun is simple, durable, and effective, has barrels chambered for both paper and metal shells, and is indorsed by leading sportsmen and dealers as the best and lowest-priced article of the kind now in the market. The Parker gun, for its superiority, was awarded medals at the American Institute Fair of 1869, the Texas State Fair of 1871, and at the Centennial Exposition, 1876. A fifty-page illustrated catalogue and price-list giving full particulars of the above goods is sent free on application. The spacious salesrooms in this city extend from Chambers to Read Streets, and are filled with a heavy stock of Parker guns, etc. The manager, Mr. Edward Bernard, a native of Connecticut, has long been engaged in this branch of business, and is an expert authority in all matters pertaining thereto. In addition to manufacturing and handling the goods named, the Charles Parker Company also manufacture coffee-mills very largely, and have done so for nearly sixty years; they also make the celebrated Parker patent bench and pipe vises, the best in use; also a large line of brass goods, such as library and table lamps, fire sets, ornamental tables, screens, etc., as well as a large line of hardware and housekeeping articles. All orders are promptly and carefully filled, and the goods are all sold under a guarantee to be exactly as represented—the finest made.

J. RODENBURG & SON, Coal, Nos. 523, 525, and 527 West Forty-second Street.—The magnitude of the interests involved in the coal trade, and the important bearing it has upon the welfare of the community, are well illustrated in the metropolis, for in this indispensable line of merchandise hundreds of thousands of dollars are invested, immense areas of ground are devoted to its storage, etc. As a leading representative of the trade in the city it is a pleasure to give special mention to the firm of Messrs. J. Rodenburg & Son, whose office and coal yard are located on West Forty-second Street, between Tenth and Eleventh Avenues, where they cover a large area, and are furnished with the latest improved facilities and conveniences needed to transact an extensive business in the most prompt and efficient manner. The stock carried is received direct from the mines, and embraces red and white ash and Cumberland coal of the best quality, which is sold at the lowest market prices, and promptly delivered to any address in the city. The business was established twenty-five years ago by Messrs. Miller & Rodenburg, who were succeeded by Molanken & Rodenburg, and they in turn by the senior member of the present firm, who formed a copartnership with his son, John Rodenburg, Jr., seven years ago, and together they have since conducted the business. Both of these gentlemen are natives of Germany, but have spent the greater part of their lives in New York, and are highly rated among the representative business men of the metropolis.

TOTANS & SCHMIDT, Turners and Dealers in Ivory; also Manufacturers and Importers of Billiard Materials, etc., No. 89 Fulton Street.—A branch of business which has been developed to proportions of considerable magnitude in this city is that devoted to the manufacture and sale of ivory goods. One of the oldest houses engaged in this line is that of Totans & Schmidt, who occupy commodious quarters at No. 89 Fulton Street. The business of this representative and progressive house was originally founded in 1857 by Mr. Peter Totans, and was conducted by him with uninterrupted success up to the time of his death, which lamentable event occurred seven years ago, and he was succeeded by his widow, Mrs. Emma Totans, and Mr. Max Schmidt, the latter being the active manager of the enterprise. The firm carry on general operations as manufacturers of turned ivory goods, billiard materials, etc., and have developed an extensive demand for their productions, their trade reaching to all parts of the United States. The spacious salesroom is filled with a very heavy stock of these goods, the assortment embracing the finest description of billiard tables, bowling-alley supplies, billiard and pool balls, cues, and a profuse variety of novelties in ivory. The firm pay particular attention to turning and coloring billiard and pool balls at the shortest notice, and to making cues to order for expert players, in which lines they have gained an enviable reputation. Orders are promptly filled on the most favorable terms, and the goods can in every instance be depended upon to be exactly as represented, namely, the best of the kind in the market.

BENJAMIN S. DEMAREST, Manufacturer of Maps, No. 36 Vesey Street.—The production of and trade in those indispensable guides to knowledge, and invaluable articles for reference—maps and atlases—forms a branch of industry of the utmost importance, and the leading house engaged in this line in the metropolis is that conducted by Mr. Benj. S. Demarest, whose headquarters are eligibly located at No. 36 Vesey Street, near Church Street. The business of this house was originally founded by H. H. Lloyd & Co., and Mr. Demarest, who was with the firm for nearly twenty years, succeeded to the control in 1880. He has had in all over twenty-six years' experience in his vocation, and is thoroughly versed in all its departments. A large and influential patronage has been developed under his energetic and enterprising management, and the trade, both wholesale and retail in character, now extends to all sections of the United States, and wherever known the establishment bears a reputation of the most enviable nature. The sales-room is admirably appointed, and is filled with a heavy stock of the valuable specialties dealt in. The assortment includes maps and atlases of all kinds: Tuttle's "Abstracts of Farm Titles" in New York City, with nearly one hundred maps, in three volumes; H. H. Lloyd & Co.'s maps, farm-line and rare maps, spring-roller map-cases, map-boxes, portfolios, and racks. Attention is given to mounting and binding maps in any desired style. All orders meet with prompt fulfillment, while the terms are of the most advantageous character. The extent of the business demands the employment of fifty hands, and all the transactions of the establishment are carried on with the most systematic regularity. Mr. Demarest, who is a native of this city, is popularly known in both commercial and social circles. During the late war he served in the Army of the Potomac, under Generals Burnside and Hooker, being attached to the Twenty-second Regiment New Jersey Volunteer Infantry, and gave valuable services in the cause of the Union. He is noted for his sterling personal attainments, and wins the esteem of all with whom he comes in contact.

FLEETWOOD PARK, Private Boarding Stables, Nos. 306 to 312 West Fifty-second Street, A. H. Leathem, Proprietor.—While New York is amply provided with magnificent hotels for the accommodation of the creature man, yet her provisions for that noble animal, the horse, have been equally complete. One of the leading and best-kept private boarding stables are the Fleetwood Park private boarding stables, of which Mr. Andrew H. Leathem is the well-known proprietor and manager. These stables were established six years ago, and from their inception have been accorded a liberal, first-class patronage from the best class of customers. The spacious building occupied is of brick, has two floors, each 100x100 feet in dimensions, and is well lighted, ventilated, and drained, and always kept in the cleanest and most presentable condition. There are ample accommodations for about one hundred horses, and the same number of carriages. Boarders are received by the day, week, or month on the most favorable terms, and stock is given the best of attention by a corps of experienced grooms and stablemen. The stables are provided with telephone connection—call No. 73—Thirty-ninth Street. Mr. Leathem has had long and thorough experience in the handling of horses, understands fully the best methods of treatment and care of stock, and all animals placed in his charge may be depended upon to be kept in the best of condition possible.

HERMAN J. BISCHOFF, Wholesale and Retail Dealer in Paints, Oils, Varnishes, Brushes, Colors, etc., No. 210 Grand Street.—Although this business is a comparatively new one, having been established by Messrs. Bischoff and Spiel but one year ago, the present proprietor having taken sole control on January 19, 1888, it has already gained an enviable reputation with the trade and the public. Mr. Bischoff is a practical, go-ahead young man, thoroughly familiar with every detail of their business and alive to the exigencies of the times. Their success thus far has been most gratifying. Their trade has been large from the first, and is steadily and rapidly increasing. They are wholesale and retail dealers in paints, oils, varnishes, brushes, colors, in fact everything in the way of general painters' supplies. A heavy stock is constantly carried, and the goods will invariably be found of the best quality, while prices are very reasonable. The store is neatly fitted up, which in dimensions 15x100 feet. The trade of the house is confined to the city and vicinity. Mr. Herman Bischoff is a native of this city, and has had about five years' experience clerking in the busi-

ness. His success in the new enterprise was immediate, and the business bids fair to become in time a very important one in this section of the city.

MRS. E. EWING, Fine Confections, Toys, Games, etc., No. 709 Sixth Avenue.—The deservedly popular establishment of Mrs. E. Ewing is in all respects one of the most attractive stores in its line in this section of the city, and since its inception, some nineteen years ago, has ever maintained strong hold on public favor. It was founded by the present proprietress in 1868, and to the juveniles of the neighborhood she has been familiarly known as the dispenser of most toothsome things with which to gratify the palate, and toys and games with which to increase their fun and frolic. The store has an area of 25x60 feet, and the rear part of this is set off and eligibly fitted up as an ice-cream parlor. The sales department is very neat and attractive in its fittings and appointments. The stock is large, in great variety, and the most exquisite taste has been exercised in displaying it to public view. It comprises everything to be found in a first class confectionery establishment in the line of candies and cakes, together with a fine collection of toys, games, and a thousand "odds and ends" with which to afford amusement of the rising generation, and even children of full growth. A specialty is made of the handling of holiday goods, and a handsome soda-water fountain is kept in constant operation. Mrs. Ewing, who is a native of this State, will always be found at the post of duty, superintending the affairs of her establishment.

JOHAN TAGLIABUE, Importer and Manufacturer of Clinical and Ordinary Thermometers, Hydrometers, and Barometers, No. 66 Fulton Street.—Among the vast number of instruments and appliances known to science there are none possessed of greater value or more general importance than is attached to thermometers, hydrometers, and barometers. The business of manufacturing and dealing in these goods forms a most important industry. One of the oldest and most prominent houses engaged in this line is the establishment of Mr. John Tagliabue. A native of England, this gentleman came to New York forty-five years ago, and five years after his arrival established the business which he has since conducted, and building up a trade that extends to all parts of the United States. The commodious premises occupied are excellently fitted up for the purposes of the enterprise, and contain a very heavy stock of the specialties handled. Mr. Tagliabue carries on general operations as an importer and manufacturer of clinical and ordinary thermometers, hydrometers, and barometers, dealing in the standard for testing petroleum and other oils, spirits, syrup, salt, acid, alkali, lyes, ammonia, beer, milk, sea-water, urine, etc., and all other purposes adopted by the trade. Hydrometers of all kinds, and combined hydrometers and thermometers are made to order at the shortest notice. Only the finest, most accurate, and reliable appliances are handled, and all goods are sold under a guarantee to be exactly as represented.

K. DUNHAM, Manufacturer of Sashes, Blinds, Hard-wood Doors, Interior Trimmings, etc., Nos. 139 and 141 Charles Street.—This gentleman is a recognized leader in his special line of industry, and has been established in the business here since 1850. He is an extensive manufacturer of sash, blinds, hard-wood doors, interior trimmings, bank and office work in cabinet finish, and gives special attention to the finest class of work. The building used by him for manufacturing purposes contains five stories and a basement measuring 50x60 feet, completely equipped with new and improved wood-working machinery, operated by steam power, and every modern facility is at command which tends to guarantee rapid and perfect production and the prompt and satisfactory fulfillment of all orders and commissions. Employment is regularly afforded to some forty or fifty skilled and efficient workmen, and all branches of the business are conducted under the most favorable conditions. Perhaps the best possible proof of the ability and success of Mr. Dunham in his special field of constructive enterprise is afforded in the work performed by him upon the College of Physicians and Surgeons, the Vanderbilt mansions, Greenpoint Savings Bank, and many other notable buildings in this city. Mr. Dunham is a native of New York, in the prime of life, and has made this industry his life study.

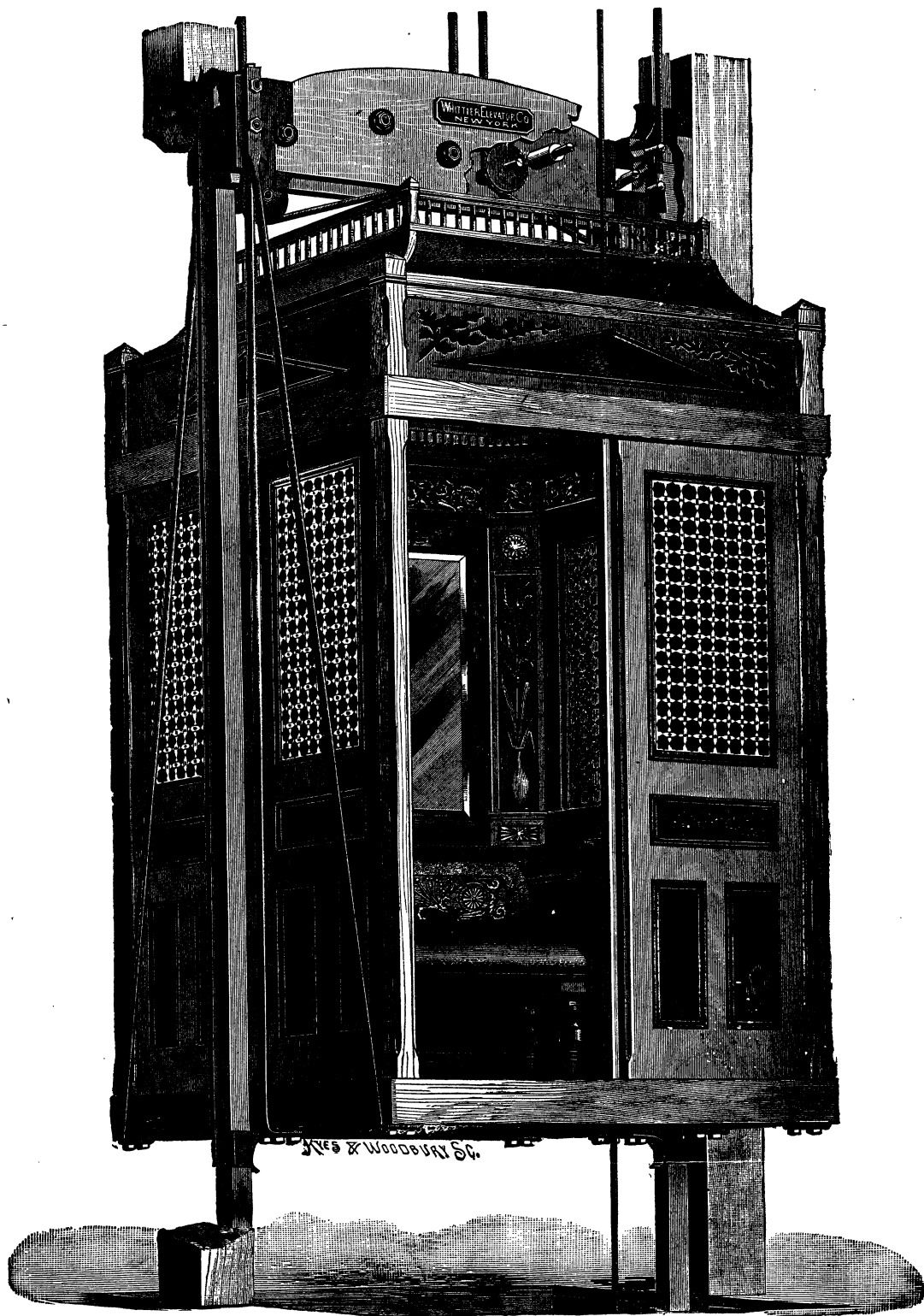


L EON HIRSCH, late of Paris, Manufacturer of Theatrical Jewelry and Armors, No. 88 Fifth Avenue.—Among the well-known popular young business men in the city there are none more prominent in theatrical circles than Mr. Leon Hirsch, who is engaged in the manufacture of jewelry and armors, and the various paraphernalia and equipments used on the stage. He is the only manufacturer in this special line of business in the country, and supplies a large, widespread demand. Armor, swords, shields, jewels, and all the various paraphernalia used in dramatic representations are always kept on sale, and particular attention is given to special ordered work. Designs are furnished by Mr. Hirsch of all the various kinds and styles of armor, and he executes work in the highest style of the art. He was born at Paris, and was brought up in the business with his father, who maintained a high reputation in that city. Mr. Hirsch has been established in New York since 1880, and has been very successful and prosperous. He originates many new and beautiful designs for armor, etc., and is an authority among theatrical managers and actors, by whom he is held in high esteem.

W HITTIER ELEVATOR COMPANY, Passenger and Freight Elevators, Nos. 306 and 310 Eleventh Avenue, near Thirtieth Street.—Elevators have become absolute necessities at the present day in all mercantile and manufacturing establishments where passengers or goods are to be transferred from floor to floor. In constructing these hoisting-machines, the chief consideration to be kept in view should be safety, as to buy a badly constructed, cheap and imperfect elevator is simply suicidal. In connection with these remarks, special reference is made to the reliable and progressive Whittier Elevator Co., manufacturers of passenger and freight elevators, whose offices and works are located at Nos. 306 and 310 Eleventh Avenue, near Thirtieth Street. The Whittier Elevator Co. was organized in 1886, and is under the management of Mr. Chas. R. Whittier, formerly with the Whittier Machine Co. of Boston. The construction and erection of the company's elevators are in charge of Mr. Robert A. McLean, late superintendent of the Whittier Machine Co. The Whittier Elevator Co. make a specialty of improved hydraulic elevators. These machines are made from new designs, embodying many improvements which contribute materially to comfort and safety. Particular attention is called to the novel principle involved in the company's new Upright Hydraulic Engine, by which the whole weight of the cylinder and moving sheaves assists in lifting the car, also to the Direct Connected Steel Wedge Safety Stop, operated by the counterbalance of the car, acknowledged to be the simplest and safest form of a device which is used, in some of its modifications, by all first-class builders. The company has also introduced its Automatic Stop Valves, which cut off all water and power gradually yet completely at the upper or lower floor, but still permit a start to be made in the opposite direction at full speed. In case the hand rope or valve becomes disarranged, these automatic valves completely stop the car without

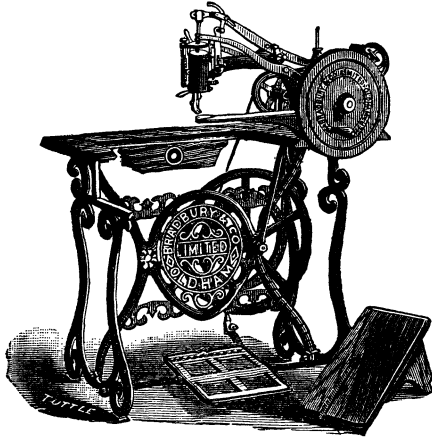
shock at the upper or lower landing, a thing accomplished in no other machine. Attention is likewise directed to the manner of anchoring the machines, by bringing the foundation-bolts into direct connection with the main upward pull of the load, thus bringing all tensile strains on wrought-iron; also to the company's Improved Operating Valve, which is the only perfectly balanced and graduated valve manufactured, and to the improved form of counterbalance in which the adjustable weights are suspended by wrought in place of cast iron. Their new devices are fully protected by patents. The passenger and freight elevators of the Whittier Company take up a small amount of space, an important consideration in all buildings erected in New York. These elevators have been chosen for some of the most prominent buildings in the city, such as the Belgravia, Fifth Avenue and Forty-ninth Street; the Industrial Educational Association Building; the N. Y. Steam Co.'s Office Building; and Warner Bros.' Store Building. The company's elevator inspection receives the personal attention of the superintendent, who is well known as an expert in this branch. The charge for this important service is thirty-six dollars per year for monthly inspection. A written report is sent, stating the condition of all parts of the machinery: and by taking advantage of the hints thus afforded as to the care the elevator is receiving, a large sum may be saved in repairs. The certificate of inspection, which is placed in the car, relieves the owner from any charge of neglect for the safety of passengers. Plans and estimates for all kinds of elevators are cheerfully furnished, while a specialty is made of elevator repairs. Messrs. C. R. Whittier and R. A. McLean are highly regarded in business circles for their ability, enterprise and integrity, and their prospects in the near future in the manufacture of elevators are of the most favorable character. The telephone call of the house is Twenty-first Street, 747. A cut of their elevator is shown on page 221.

BROWN & DE WINTER, Commission Merchants, Fruits and Vegetables, No. 321 Washington Street, corner Jay Street.—One of the oldest-established and most popular wholesale produce commission houses of this city is that of Messrs. Brown & De Winter. The partners, Mr. Charles Brown and Mr. John De Winter, handle consignments to the best possible advantage, having been engaged in business since 1866, and achieving a record accorded only to those whose transactions are based upon the strictest principles of commercial honor. Their facilities are perfect and their connections influential, enabling them to promptly and satisfactorily handle the largest consignments. They make a specialty of fruits and vegetables, and have developed a desirable trade with leading grocers, shipping, hotels, restaurants, etc. They have consignors and correspondents all through New York, New Jersey, Pennsylvania, and receive the finest class of produce. It is to such reliable and responsible house as this that New York is indebted for her supremacy in the produce commission trade.



THE WHITTIER ELEVATOR. (See article on page 220.)

B. F. DUNLAP, Importer and Sole Agent of Leather Machines, etc., No. 9 Spruce Street.—In the sale of machinery for the manufacture of leather, New York has long been recognized as a prominent headquarters, commanding a connection and a trade that is practically world-wide. A well-established and influential house in this line, exercising a valuable influence and prosecuting a trade of large and increasing proportions, is that of Mr. Benj. F. Dunlap, located at No. 9 Spruce Street. This gentleman is widely known and deservedly prominent as an extensive importer, and sole agent in the United States and Canada for the noted "Bradbury" English leather machine, "Gaskell's" improved systematic measure-book, the "Acme" boot and shoe repair jack, etc., etc. He established the business here in 1885, and his success has



been decisive and pronounced. With a wide and valuable acquaintance in manufacturing circles both in this country and Europe, and commanding every opportunity of the market, he is naturally prepared to conduct all branches of the business under the most favorable auspices, offering to the trade the latest and finest inventions and improvements in shoe and leather machinery, and such inducements in terms and prices as challenge competition. The goods are in steady and increasing demand, not only in this country, but throughout South America, Mexico, and Canada. The specialties mentioned above stand alone upon their own acknowledged and unequalled merits, and give this establishment a prestige in the trade that could not otherwise be acquired. The high standard of quality which is maintained in all the productions here represented, combined with the finished knowledge of the proprietor concerning the wants and requirements of the trade, and his energy and enterprise in meeting all its demands, serve to commend the house to universal confidence and patronage. Mr. Dunlap is a native of Ohio, well known and highly esteemed in this city as a young man of responsibility and personal worth, and eminently popular with the trade everywhere.

O PPEHMEIMER BROS. & VEITH, Diamonds, Watches and Jewelry, No. 35 Maiden Lane.—For upward of a quarter of a century the widely and favorably known New York house of Oppenheimer Bros. & Veith, importers of diamonds and wholesale dealers in watches and jewelry, No. 35 Maiden Lane, has maintained a prominent and honorable position in the trade, and ranks to-day by general consent among the leading and most stable and reliable establishments devoted to this important branch of commercial activity on the street. No firm engaged in this line in Maiden Lane sustains a higher reputation for excellent goods or upright business methods, as few enjoy a larger measure of public favor and confidence, while its connections, which extend all over the United States, are fully commensurate with the name and standing of the house. The business was established in 1863 by Hirsch & Oppenheimer, the style changing ten years subsequently to Oppenheimer Bros. & Hirsch, and as such it was continued up to 1877 when they were in turn succeeded by Oppenheimer Bros. & Veith, by whom the business has since been conducted with uninterrupted success. They occupy a neatly appointed and compact office and sales-room, and carry constantly in stock an extensive and A1 assortment

of superb diamonds, fine gold and silver watches, and elegant jewelry in great variety, and the trade of the house, which is wholesale exclusively, is exceedingly large. The firm is composed of Messrs. Seligman Oppenheimer, August Oppenheimer, Gustave F. Veith, and Henry Veith, all natives of Germany, but residents each of this country many years. They are all men of foresight, energy, and excellent business ability, with thorough experience in the trade, and, in short, well equipped to achieve success in their line. They have a flourishing branch establishment also at No. 2 Tulp Straat, Amsterdam, Holland.

GEO. W. JUDD, Commission Merchant in Fruits and Produce of all kinds, Poultry, Game, etc., No. 145 West Street.—Foremost among the staple and most important industries of New York the commission business in fruits and produce is represented by some long-established houses, whose operations form a very considerable portion of the city's commercial transactions. Mr. Geo. W. Judd, whose place of business is at No. 145 West Street, near the Washington Market, has been prominently identified with the trade for upwards of a quarter of a century, and his house is one of the most reliable and best known in this city and its environs. Mr. Judd, who is a native of the city, established his enterprise in 1856, and has long enjoyed a large and permanent patronage. The premises occupied for his purposes are comprised in a building having four floors, 25x100 feet in dimensions, and here are possessed the most approved facilities for the storage and handling of the heavy stock. Mr. Judd handles fruits and produce of all kinds, also poultry, game, etc., is in constant receipt of heavy consignments, finds a ready market for all goods shipped to him, makes prompt and accurate returns, and is reliable and equitable in all transactions. He is endowed with abundant energy for the prosecution of a business which requires constant effort in directing its affairs successfully, and maintaining his house in the front rank of the trade, and which is noted for the unimpeached integrity which marks all its operations.

D. GUNDLING & CO., Manufacturing Jewelers, Nos. 41 and 43 Maiden Lane. Although a comparatively young house, having been inaugurated but three years ago, that of Mr. D. Gundling & Co. has built up a large trade, extending to all sections of the United States, and the concern sustains an A1 standing in the trade. The active proprietors, David and Harry Gundling, natives of Germany, have resided in this city for the past thirteen years. They are business men of push and progressive policy, are practically skilled in every branch of their vocation, and are winning well-merited success in the mercantile world. Employing a staff of competent traveling salesmen, they carry on a general trade as manufacturing jewelers, manufacturing the finest class of goods, embracing new, novel, and unique designs of the most artistic character, and in their commodious and finely-furnished office they carry a large stock, the assortments being such as to immediately challenge the admiration. The Messrs. Gundling devote their entire time and attention to the interests of their patrons, are equitable and liberal in all their dealings, and in all commercial relations, and they will be found well worthy of all confidence and favors that may be accorded them.

O RVIS & HEACOCK, Printing of Every Description, No. 9 Spruce Street.—Among the most popular and best-known exponents of the typographic art in this section of the city may be mentioned the firm of Orvis & Heacock, general book, card, and job printers, who enjoy an excellent reputation for fine work and reliability. The copartners are Mr. Francis W. Orvis and Mr. William W. Heacock, both of whom are natives of Pennsylvania, and have had respectively fifteen and ten years' experience in the trade, with every department of which they are thoroughly and practically conversant. They are active, pushing, and enterprising young business men, and have built up in a short period a large and flourishing trade. The firm have ample and excellent facilities for executing all orders, large or small; nine presses, complete outfit of type and kindred devices pertaining to a well-ordered printing establishment, being in service, while five skilled and experienced hands also are regularly employed. Book, pamphlet, catalogue, and general job printing is done in the very best style, fine mercantile work being a specialty, and all orders are executed in the most prompt and satisfactory manner.

WM. AFFLECK & CO., Hay, No. 401 West Thirty-third Street, corner Eleventh Avenue.—New York stands unrivaled as a centre for the wholesale commission trade for all the products of the land, her transportation routes, both by canal and rail, extending to all parts of the West and South, while apart from her large population of wealthy consumers, her export facilities are ahead of all other rival ports. It is likewise owing to the fact that here commission merchants are so active and enterprising, giving the best prices obtainable, with prompt returns. Prominent among the most active and enterprising members of this trade are Messrs. William Affleck & Co., of the New York and Hudson River Railroad Freight Depot, Eleventh Avenue and Thirty-third Street. The business of this concern was founded some thirty years ago by Mr. William Affleck, who is a native of Scotland. About fifteen years ago he formed a partnership with Mr. E. Hallock, who is a native of Westchester County, N. Y. The facilities of the house are unsurpassed for handling hay and straw, having a warehouse 600x50, and three stories high. The firm carry at all times a large stock of hay and straw, and they control a large and prosperous general commission trade in this class of products. They receive consignments from agriculturists in all parts of the country, and dispose of these at the highest market quotations, and the transactions of the firm are exclusively of a wholesale character. Prompt and satisfactory settlements are made, and liberal advances are forwarded on consignment when desired. Dealers find in dealing with this firm courteous and liberal treatment, and thorough probity in all transactions. Personally the members of the firm are highly esteemed in the trade for their business ability and integrity.

SCOTT STAMP AND COIN COMPANY (Limited), No. 721 Broadway. Lyman H. Low, Manager Coin Department.—This company have a national reputation as extensive dealers in stamps, coins, and curiosities of various descriptions. The foundation of the business was laid in 1860, by Mr. J. W. Scott, and in 1886 the present company was incorporated under the laws of the State of New York, with Mr. Henry Collin as President; Henry L. Colman, Secretary and Treasurer. The premises occupied for trade purposes are spacious in size, eligibly situated, and perfect in convenience of arrangement for inspection and sale. The company are prepared to supply their customers with the international stamp album, publishing the same in various kinds of binding and on various qualities of paper, at prices ranging from \$1.50 to \$25; also standard postage-stamp catalogues, silver-coin catalogues, copper-coin catalogues, and paper-money catalogues; illustrations of copper coins; early coins of America, giving a complete history of all coins issued previous to their regular mint coinage; coinage of the world, ancient and modern; and coins of the bible, with fac similes of four coins. The stock of stamps and coins is the largest and finest in the city, and seekers after curiosities will find in this establishment the rich and rare, the unique and the beautiful, in glittering profusion, recommending their own merits and peculiarities to the confidence and patronage of the critical and discriminating buyer. A large force of clerks and salesmen contribute to the satisfactory operations of the house, and orders are filled with promptness and scrupulous care. Shipments are freely made to all parts of the United States, and circulars are sent free on application. The officers of the company are New Yorkers by birth and education, and are young men of high repute in social and business circles.

T. KINGSFORD, Manufacturing Perfumer, No. 106 Duane Street.—Among the prosperous business establishments located in this great trade district of the metropolis will be found that conducted under the above name and style, and which represents in this city the world-famed house of T. Kingsford, successor to W. J. Austen & Co., manufacturing perfumer, whose laboratory and home office is at Oswego, N. Y. This business was founded about ten years ago, for the manufacture of the widely-celebrated "Austen specialties"—Forest Flower Cologne, Regina Bouquet Extract, Oriental Toilet Water, etc.—and in the period elapsed these goods have been introduced and are now in popular use in almost every quarter of the globe. The New York office was established in 1879, and removed in 1884 to the present site, No. 106 Duane Street, and is under the management of Mr. R. Van Valkenburgh, a gentleman who has been identified prominently with the business from its inception, and in its interest has travelled many thousands of miles in this and other countries. The commodious and well-ap-

pointed offices are very desirably located and every facility is supplied for the conduct of the business to advantage. The home goods, particularly Forest Flower Cologne, are so widely known and so generally popular for toilet use, that any detailed description of them would be superfluous. They have a standard value in the trade through their delicate and lasting perfume and general excellence, and command an extensive home and foreign market. Mr. Van Valkenburgh carries a full and complete stock of the home productions, and the trade from this office is an important item of the general business of the concern.

AUGUST GROSS, Manufacturer of Gold, Antique, and Gilt Frames, Office and Factory, No. 52 Vesey Street.—Among the leading and most reliable establishments devoted to the production and sale of artistic picture frames, mouldings, engravings, and works of art in New York, may be named that of August Gross, manufacturer of fine gold, antique, and gilt frames, and collector of etchings, engravings, and paintings. Superb gilt mouldings, exquisite frames in antique and unique designs, art wood and bronze work, and kindred articles, both for household and advertising purposes, are made to order in the most expeditious manner and superior style, while the critic and *connoisseur in objets de art* can at all times find here a rare and varied collection of pictures of real merit from some of the masters of the past and present. This flourishing business was established in 1871 by the present proprietor, and from the inception of the enterprise has been conducted with eminent success. The factory occupies a 25x100 (fourth) floor, and is supplied with ample and excellent facilities, while some twenty expert hands are employed. Gold, antique, and gilt frames and mouldings of every variety, style, and design are made to order, while an extensive and elegant assortment of art novelties, etchings, water-colors, engravings, oil-paintings, etc., is constantly carried in stock, and the trade of the establishment, which is both wholesale and retail, extends all over New York City and State, and throughout the adjoining cities and States.

EDWARD A. HARRIOT, Wholesale Flour Dealer, No. 124 Charles Street.—Among the leading and notable houses engaged in the wholesale flour trade of New York may be mentioned that of Mr. Edward A. Harriot, one of the most stable and reliable establishments of this kind in Chicago. The business was founded fully half a century ago, by Messrs. W. & J. B. Harriot, Messrs. Warren Harriot & Son succeeding to the control many years later. In 1885 Mr. Warren Harriot died, after a long, honorable, and useful career, and his son, Mr. Edward A. Harriot, became the sole proprietor of the establishment. This gentleman is a native of New York, and has been brought up to a knowledge of his business from youth. The premises occupied for the purposes of the enterprise consists of a 50x100-foot building, having five floors and basement, and provided throughout with every convenience and appliance for the expeditious handling of trade. A very heavy stock at all times fills this immense warehouse, the goods comprising the finest roller-process flour made, and embracing all the best known and most popular brands. Mr. Harriot is an active member of the New York Produce Exchange.

GEORGE VICE, Machinist. Model and Experimental Machines. Room No. 15, N. Y. & N. H. R. R. Freight Depot, Corner Centre and Franklin Streets.—Mr. George Vice, the well-known machinist, is a gentleman of ability and skill, and as a general mechanical engineer no one is better or more favorably known in this city. He has had a practical experience of twenty years at his trade, and established himself in business here in 1875. The mechanical equipments of his establishment are of the newest and most efficient kind, and the machinery is operated by steam-power. In the manufacture of model and experimental machines, press tools, fine brass work, and metal patterns, Mr. Vice brings to bear large practical experience and thorough skill, and is at all times prepared to guarantee the most satisfactory results. He employs a competent force of skilled and expert workmen, and possesses every modern facility for insuring the prompt and perfect fulfillment of all orders. The patronage is large and influential throughout the city and surrounding country, and the house is eminently popular. Mr. Vice is a native of England, and has resided in this country since 1866, and his success has been honestly won and is well deserved.

EDWARD IVES, Bookbinder, etc., No. 42 Vesey Street.—Among this city's old-established and well-known bookbinderies that of Mr. Edwin Ives stands out among the first. Established in 1869, he has kept on the even tenor of his way, increasing his business and business facilities year by year, until now he employs over seventy hands and occupies the three large lofts of No. 42 Vesey Street, with an area of 90x120 feet. Even this place is now too small, and he has been forced, in the pressure of business, to look for quarters which will give him an area of 75x200. He does a large trade with the prominent publishers and printers of this city, as well as binding for the large publishers of Boston, Hartford, Troy, Baltimore, and Buffalo. His designs are all unique and original, and nothing leaves his bindery that is not a model of neatness and elegance. He does an extensive business in binding prayer-books and birthday-books, as well as the most exquisite novelties in padded, round corner, red under gilt-edge, and flexible bindings. This is a specialty, Mr. Ives prides himself on, and testimonials he has received from prominent publishers show his fine work is appreciated. Heretofore it has been found necessary to send sheets to London for this class of binding; Mr. Ives' enterprise has made this now unnecessary. His cloth department has a capacity for turning out over 2000 12mo books per day, his work in this line has the same characteristic of neatness and good workmanship that marks his finest bindings. He is always pleased to give estimates and designs, and his prices are as moderate as his work is good. He keeps up with the times, and uses all the modern machinery which has been invented to facilitate and improve the bookbinders' art. Mr. Ives was born in England, but has resided in this city forty-five years. As a business man he has the reputation of being an upright and honorable gentleman, prompt in all his dealings and being up to and performing all his contracts. He is favorably known in commercial circles and gives the closest kind of attention to his business.

G. D. KUPER & BROS., General Transfer Agents and Weighers. Trucking, Weighing, and Lightering of all kinds of Merchandise. Offices, 606, 608, 610 Washington Street, and Pier 42, N. R., foot of Morton Street.—The leading transfer agents in the metropolis are Messrs. G. D. Kuper & Bros., whose main offices are at Nos. 606, 608, and 610 Washington Street, and Pier 42, North River, foot of Morton Street; and who also receive orders at Rotunda of Custom House and at the French Steamship office, No. 3 Bowling Green. The business was originally established in 1869 by Mr. G. D. Kuper, and in 1876 the present firm was organized by the admission of Charles P. and Jacob E. W. Kuper to partnership. The firm are widely prominent as general transfer agents and weighers, attending promptly to trucking, weighing, and lightering of all kinds of merchandise, and take entire charge of ships' cargoes, and other heavy jobs. They have business connections and an influential patronage in all parts of the United States, and have a lively trade in this city, requiring the constant employment of some twenty trucks and a large force of skilled workmen, numbering from twenty to one hundred and fifty. Being located at valuable distributing points, and having unequalled facilities for transferring and reshipping heavy cargoes, this firm are prepared to conduct all branches of the business under the most favorable conditions. Orders by telephone, or otherwise, receive the immediate personal attention of the firm, and all commissions are executed with a due regard to the best interests of patrons. The Messrs. Kuper are natives of Germany, and came to this city when quite young. They possess a foundation understanding of all the details and requirements of their business, and are successful in meeting all its demands.

J. H. MILLER, Merchant Tailor, No. 699 Broadway.—This gentleman has had a long and prosperous experience, extending over a period of thirty-six years. Mr. Miller established himself in business in New York in 1871 at No. 103 Broadway, where he remained ten years. At the end of that time he removed to his present location, No. 699 Broadway. His large and handsome store is admirably situated, and is elegantly fitted up with every comfort and convenience, and supplied with every appliance necessary to facilitate business. He carries at all times a full line of foreign and domestic cloths, cassimeres, vestings, and suitings of the most stylish designs and patrons, which, in quality and finish are calculated to satisfy the most exacting and fastidious taste. Mr. Miller personally superintends the cutting of all work done in his establishment and a perfect fit, finish, and ease are guaranteed. Mr. Miller is

a practical tailor, and is thoroughly posted in every detail of the work, and is one of the most prompt and reliable tradesmen in New York. The business is admirably conducted, and from fifteen to twenty expert tailors find employment here the year around. Among Mr. Miller's patrons may be found many of the solid men of the city, as well as many of the most fashionable and stylish society men. Mr. Miller is a native of Germany, but emigrated to the United States thirty-six years ago, all of which time he has been a resident of New York. He is about fifty years of age, an adept in his trade, is an excellent business man, and enjoys the respect of all who know him.

TILTON & CO., Steamship Market, Wholesale Dealers in Beef, Mutton, Veal, Pork, Salt, and Smoked Provisions, Poultry, etc., Nos. 34 and 36 Harrison Street.—The firm of Messrs. Tilton & Co. has achieved an enviable distinction in the fresh meat and produce trade of the metropolis, and has developed a connection of the most influential character. The copartners, Messrs. W. H. and A. A. Tilton, commenced the business just twenty-one years ago; they bring to bear vast practical experience, and coupled with perfected facilities, and are prepared to promptly fill the largest orders at wholesale for prime fresh beef, mutton, veal, or pork; all kinds of choicest salt and smoked provisions, perfectly cured; poultry, game in season; fresh eggs, and all vegetables and fruits in season. Their market is a spacious two-story structure, fifty feet in depth, and where they have storage capacity for many tons of goods. The establishment is known familiarly as the Steamship Market, and is the favorite purchasing point for the owners, captains, stewards, and caterers of all the great transatlantic steamship companies, American coastwise lines, and steamboats, ships, etc. In addition to their extensive harbor trade, the firm have a city and shipping trade of vast dimensions, one that indicates the superior quality of the meats and provisions carried here.

D. R. B. H. DUPIGNAC, Successor to Preterre Bros., French Dentists, No. 159 Bowery.—The business which the widow of the late Dr. Dupignac now controls was originally founded in 1840 by the celebrated French dentists, the Preterre Bros., and with whom he studied and practiced for twenty years, succeeding to the entire control ten years ago, his lamentable death having occurred in October, 1887, when he was succeeded by his widow, and is now managed and operated by a competent dentist. His valuable experience thus covered a period of thirty years, and long before his death he was acknowledged as a most accomplished master of his profession. The premises occupied consist of a three-story building 25x70 feet in dimensions, admirably furnished throughout, and appointed with all modern apparatus and appliances peculiar to the business, while every comfort and convenience has been provided for the use of patrons. Employing a force of competent assistants, careful attention is given to all kinds of dentistry work, extracting teeth with or without the use of gas, filling with gold or composition; cleans and repairs teeth, cures toothache, and makes a leading specialty of the manufacture of whole or partial sets of teeth, on plates of all kinds. The prices are remarkably low, while in every case where his services are engaged the most considerate treatment and the best of satisfaction are guaranteed, the same as when his predecessor had charge of his patrons.

DAVID EBERLE, Saddle, Harness, and Collar Manufacturer, No. 484 Canal Street.—An exponent of the harness-making industry in this section of the city, whose productions will bear favorable comparison with any of his contemporaries, is Mr. David Eberle. A native of Germany, Mr. Eberle came to this city when quite young, and he has done much, through his individual efforts, to promote the best interests of the community. In 1862, he began the business which has ever since been conducted with such vigor and prosperous success. The store and workshop occupied are conveniently equipped with the most approved appliances, and all requisites for the systematic prosecution of the industry, while a force of skilled harness-makers are kept busily employed. Mr. Eberle is a general manufacturer of and dealer in light and heavy harness, saddles, collars, whips, spurs, horse clothing, and everything connected with this department of trade. A superior stock is kept on hand to supply all demands, and the prices are fixed at the lowest possible scale. In all his engagements Mr. Eberle is found ever prompt, honorable, and liberal.

VICTOR S. FLETCHER, Importer and Dealer in Cremona Violins, Violas, and Cellos, No. 23 Union Square.—Victor S. Fletcher is engaged in business as an importer and dealer in musical instruments and musical merchandise. He is an experienced, accomplished musician of rare talent and ability, and as a violinist has a wide reputation. He was born at Cincinnati, and has had a thorough musical education, obtained in Germany under the most eminent masters. For some years he gave his attention to instructing pupils on the violin, and attracted considerable



attention by his skill as a teacher and as a performer in his native city, and at the time Theodore Thomas was at the head of the Cincinnati Conservatory of Music Mr. Fletcher was offered and accepted a professorship in that well-known institution of musical instruction, and for several years was first violinist in Thomas' famous orchestra. He is a recognized authority upon the various makes of violins, and is conceded by those capable of judging the best practical expert in the city, and has on exhibition and sale in his collection some very old Cremona and Stradivarius make of instruments, which he secured during one of his trips to Europe for that purpose. Mr. Fletcher is the leading importer of Cremona violins, violas, and cellos, and also those of the best French, English, German, and other makes, and carries the largest stock of strictly fine instruments in the United States; also Roman strings, fine bows, violin boxes, etc., and a general assortment of artistic materials, embracing the finest production of European manufacturers, Mr. Fletcher makes a special business of repairing violins, cellos, etc., executing the work with rare skill, tact, and judgment. His rooms are the resort of the most distinguished violinists and professors, teachers, and amateurs.

DR. EDWIN ANCKER, Veterinary Surgeon, Office 121 and 123 West Thirty-first Street.—The advancement in veterinary science within the past twenty-five years is truly wonderful, and thoroughly equipped veterinary colleges are to be found in all civilized countries. In New York among those engaged in the profession there are probably no others having a higher reputation for skill and success than Dr. Edwin Ancker, who possesses every facility for the prosecution of the business, and enjoys a very extensive patronage derived from among the best class of citizens who are the owners of valuable horses. Dr. Ancker has had considerable experience in the treatment and cure of horses, has all the requisite drugs and medicines and appliances, and is familiar with all the advanced methods that have been adopted by the veterinary schools and colleges in Europe and this country. He was born in Germany, and is a graduate of the Berlin Veterinary College, and during the time he has been in the practice of his profession in New York his skill and humane treatment have elicited the highest praise from all who have employed his services.

MW. HIGGINSON, Architectural and Ornamental Wood carving, No. 1345 Broadway.—In the line of architectural and ornamental wood-carving, Mr. M. W. Higginson, of No. 1345 Broadway, is recognized in this city as a skilled and accomplished master of his trade, and one of its prominent exponents in this section of the country. He has been established in the business here for a period of eighteen years, and devotes his time and talents to fine work exclusively. The preparation for the systematic prosecution of the business is thorough and complete, a full equipment having been provided of all the tools and devices that can be profitably employed, and such additions are made to the facilities from time to time as are suggested by the experienced judgment of the proprietor. He is thoroughly artistic and original in his designs,

ascertaining, so far as possible, the customer's idea, and carrying it out in the most appropriate manner. Only high-class work is done, and every item is carefully attended to and the best standard of excellence maintained at every point. The patronage of the house is very liberal and gratifying, extending throughout the States of New York, Connecticut, and New Jersey, and continually growing under enterprising and reliable management. Mr. Higginson is a native of Elizabeth, N. J., in the prime of life, and of high repute and standing in business and industrial circles.

BYRNE & HARTIGAN, Drapers and Tailors, No. 248 Fourth Avenue.—A popular and thoroughly reliable house engaged as drapers and tailors in New York city is that of Messrs.

Byrne & Hartigan. This house was originally established some forty years ago, by Messrs. Leiss Brothers, who were succeeded by the present firm in 1887. The store is spacious in size, well arranged and appointed for the systematic and successful prosecution of the business, and steady employment is given to a competent number of skilled and experienced hands. The stock of fabrics is very full and complete, comprising fine cloths, cassimeres, tweeds, worsteds, and diagonals, vestings, and trouserings, of the best foreign manufacture, which have been selected with the utmost taste and judgment, and which in quality and elegance readily meet the wants and requirements of the most fastidious of customers. They have among their customers many of the prominent residents of Gramercy Park, and other fashionable localities. To those who desire a high grade of custom clothing this house commends itself as one that may be implicitly relied upon to furnish only such garments as shall rank superior in all respects. The general make-up, style, fit, and trimming of a garment are here made the subject of careful consideration and study, and the firm are eminently popular by reason of the excellence of their work. The partners, Messrs. William J. Byrne and D. J. Hartigan, are both natives of New York, and young men of high social and business standing in the city. Both have had large and valuable experience in all the details of the tailor's art, Mr. Hartigan having been connected with the house of Cavanaugh, Sandford & Co., and are thoroughly fitted for the highest success in their chosen field of labor.

CHARLES LE BIHAN, Wholesale and Retail Dealer in Imported and Domestic Cigars and Tobaccos, No. 432 Sixth Avenue.—A very popular resort for smokers in this section of the city is the establishment of Mr. Charles Le Bihan, where can be secured the choicest brands of imported and domestic cigars, the best smoking, chewing, and plug tobaccos, snuff, and a very handsome selection of pipes, meerschaum goods, cigar-holders, and smokers' articles of every description, the assortments being complete in every respect. The business of this house was founded in October, 1886, by Mr. Julius Steger, who later on was succeeded by the present proprietor. Mr. Le Bihan is a native of France, and came to this country four years ago. His fine store is admirably fitted up in its every department, reflecting much credit upon the taste of the management, and a heavy stock is carried to meet the active demands of the trade. Two competent clerks are employed. Smokers when in the vicinity of this store will do well to step in and give Mr. Le Bihan a trial patronage.

STEPHEN F. HART, Real Estate and Insurance, No. 826 Sixth Avenue.—Mr. Hart is a gentleman of ample practical experience in all branches of the real estate and insurance business, and has been engaged in it for the past ten years. His father, the late Mr. H. W. Hart, established the enterprise twenty years ago, and conducted it in a praiseworthy and efficient manner until his decease in 1886, at which time his son assumed entire charge of the business, and enjoys a liberal and widely extended patronage. He is a recognized authority on actual values and eligibility of property in all desirable sections in the city, and always has upon his books bargains in the line of private residences, flats, vacant lots, etc., quoted at figures rendering them valuable for investment purposes. He is a notary public, and effects loans on bond and mortgage at lowest rates, besides being an agent for the best-known and most reliable insurance companies in existence, in which he writes risks at most satisfactory rates. The spacious office located at the above address is elegantly fitted up with marble floors and handsome equipments of all kinds, and several efficient clerks are here employed in the service of patrons. Mr. Hart is a native of New York, and has spent his entire life in the metropolis.

ISAAC J. OLIVER'S SON (Jno. W. Oliver), Steam Job Printer, N. W. corner Canal and Mulberry Streets.—In reviewing the many industries of this great metropolis, it is seldom that we find a house whose history dates back half a century; but such is the record of the long-established business now conducted under the title of Isaac J. Oliver's Son (Jno. W. Oliver), steam job printer. The business was founded by Mr. Isaac J. Oliver over fifty years ago, who by his ability, study of the trade, attention to details, and honorable methods won distinction, and raised the standard to the highest degree attainable. In 1887, after a long and successful business career, Mr. Oliver died, and was succeeded by his son, Jno. W. Oliver, the present proprietor, who is a gentleman possessing every requirement and qualification for retaining and adding to the excellent reputation always enjoyed by his father. The premises occupied are centrally and admirably located at the above address, and commodious in area, consisting of two floors, 25x80, which are filled with the most improved presses, the fullest assortment of job type, and every other facility for the prompt and satisfactory conducting and execution of job work of any and all descriptions. None but the most skilled and artistic workmen are employed, and all work turned out by this able corps of twenty types are models of perfection. For many years previous to his decease Mr. Isaac J. Oliver was the printer for the universally known Tammany Hall organization, in which line also has his son succeeded him and retained that patronage. The printing of that organization's work is a specialty that requires a perfect knowledge of politics as well as of the trade, and in this feature of the business this house is the largest in the city. Jno. W. Oliver has had a practical experience of thirty years in the printing art, and is familiar with every detail, and is one of the best-known and representative printers of the city. For many years he performed the duties of clerk in the Eighth District Court in the most efficient manner, thereby gaining an enviable reputation as a public officer. Mr. Oliver is a native Gothamite, and a prominent and influential resident of the Twenty-third Assembly District, where, through his genial manners and obliging disposition, he has won a large host of friends, both political and personal.

F. HELMEYER, General Groceries, Specialties in Choice Fruits, etc., No. 527 Grand Street.—A well-conducted and deservedly prosperous mercantile establishment and a leading one in its line in this section of the city is that of Mr. F. Helmeyer, dealer in general groceries, fruits, teas, coffees, butter, fresh vegetables, etc., at No. 527 Grand Street. This well-known house was founded in 1864 by N. L. Butler, Esq., with Mr. Helmeyer as clerk, and was thus conducted until 1885, when Mr. Helmeyer succeeded to the proprietorship. From the start the establishment has been a favorite source of supply for the surrounding residents, and the present prosperous and prominent status of the general business is indicative of the active zeal and ability devoted to its management. The store, 30x50, is convenient, well ordered and attractive, and the large, comprehensive and complete stock of choice teas, coffees, and groceries of all kinds—specialties being made of choice fruits, butter, and fresh vegetables—is advantageously displayed. An important item of the business consists in supplying hotels and boarding-houses, also steamers; the latter being fully equipped in the line of pantry and kitchen supplies. The house is largely and liberally patronized, and four clerks and two delivery-teams are kept busy in supplying the wants of the voluminous general trade. Mr. Helmeyer was born in Germany, but has resided in New York for the past twenty-five years. In 1864 he began as a clerk in the grocery trade, and by push and honest enterprise has raised himself to the well-earned and popularly bestowed distinction of a representative merchant of the ward in this important department of commercial activity.

JOSEPH S. BARKER, Manufacturer of Staple Gas Cocks, Brackets and Fittings, No. 168 Centre Street.—Mr. Joseph S. Barker, the well-known manufacturer of staple gas cocks, brackets, fittings, and general gas supplies, established this business in 1884, and, from a modest beginning, under the guiding hand of the experienced proprietor it has attained a prominent position in the trade. The premises occupied for manufacturing and trade purposes are spacious in size, completely fitted up with new and improved machinery and appliances, and employment is given to a competent force of skilled and experienced hands. The most enter-

prising and progressive methods are used at all stages of production to improve the quality and enhance the value of the output in all respects, and, as a result, the goods are recognized by the trade as unsurpassed for quality, reliability, utility, and fine workmanship by those of any other house in the trade, while the prices quoted for these specialties are the lowest in the city. All orders and commissions are promptly and carefully attended to. His products go to all parts of the United States and are considered as of standard quality. Mr. Barker is a native of Connecticut, a resident of this city since 1864, and employed for eighteen years by the house of Oxley, Giddings & Ennis, in the same line of manufacture.

ALEX. JOHNSTON & CO., Merchant Tailors, No. 54 West Thirty-fourth Street.—The well-known firm of Alex. Johnston & Co., whose popular and well-patronized house was established in 1884, has become the centre of trade for a large and discriminating patronage. Mr. Johnston is one of the most skilful and efficient merchant tailors in the city, and his practical experience of fifteen years amply qualifies him to manufacture garments of every description, which are warranted to be of unrivalled quality, stylish in appearance, comfortable to the wearer, and of the most thorough workmanship. He employs from five to ten experienced hands, and allows none but perfect fitting and satisfactory work to leave his establishment. The premises occupied are neatly fitted up throughout with every improved facility and convenience needed for an excellent display of the stock and the prompt execution of all orders for custom work. Upon the shelves and counters of the store are to be found the latest novelties in home and foreign manufactured fabrics, including cloths, vestings, and cassimeres, which have been selected with great care and cannot fail to please the most critical taste. Mr. Johnston, the sole proprietor of the house, is a native of New York, and has long enjoyed an exemplary rating in commercial circles.

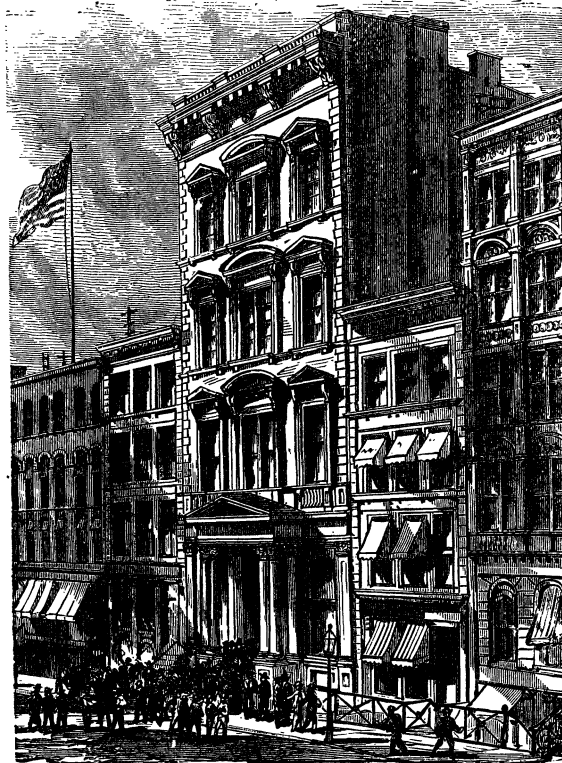
WILLIAM BARTLETT, English Livery Boot Maker, No. 34 West Twenty-ninth Street.—Mr. Bartlett is a practical man in this trade, his experience in boot-making extending over 35 years in London, Paris, France, and this city, and he thoroughly understands how to fit a boot or shoe to the shape of the foot. He is known as an anatomical boot-maker, all his work being done upon scientific principles, and guaranteed to be perfect in fit and in accord with the fashionable styles of the day. Mr. Bartlett, who is well known as the English livery boot maker and maker of ladies' and gentlemen's riding boots, executes the finest kind of work in this class of boots and exercises the greatest care in custom work. He is highly spoken of as being one of the best boot and shoe makers in the city. He is doing a large, substantial business, numbering among his patrons many of the leading citizens and also has an extensive out-of-town trade. Mr. Bartlett, who was born in London, came to New York 14 years ago, and since 1882 has been in his present location, enjoying a well-merited success. He occupies a commodious store, in the rear of which is a workshop, and employs a number of skilled, practical workmen who are under his immediate direction. A stock of goods of his own manufacture is kept on sale, and the prices either for custom boots or shoes or those ready-made will be found as low as those of any other first-class boot and shoe maker in the city.

JAMES B. WOOD, Steamboat and Steamship Locksmith and Bell-hanger, No. 69 Vestry and Nos. 262 and 263 West Street.—A well known, although comparatively new business is that of Mr. James B. Wood, which was established in 1887. Mr. Wood is a skilled locksmith of many years' practical experience, and he devotes his attention almost exclusively to steamboat and steamship work. He has a large harbor business connection, and employs several mechanics, their number varying according to the pressure of business. He works in connection with the house of Edwin A. Hayes. Mr. Wood deals in brass, iron, and ship hardware, and offers to give estimates for every description of work in brass and iron. The second floor of the three-story brick building at No. 69 Vestry Street is occupied by the shop and offices. Mr. Wood's prices will be found low, and his work thoroughly and conscientiously done. In his line he is generally recognized as an expert. He is a native of South Carolina, but has resided in New York State for the past thirty-five years.

JOHN SIMPSON, Importer and Dealer in Staple and Fancy Dry Goods, Nos. 725 and 727 Sixth Avenue, between Forty-first and Forty-second Streets.—The improvement that has taken place in the dry-goods trade has made establishments engaged therein to become veritable bazaars, reflecting the manufacturing progress of every nation. A prominent and popular dry-goods house in this city is that of Mr. John Simpson, located at Nos. 725 and 727 Sixth Avenue, between Forty-first and Forty-second streets. Mr. Simpson has been established in business for some twenty years, locating originally on Eighth Avenue, and removing to his present quarters in 1878. Here he occupies a spacious and handsomely appointed store, 50x100 feet in dimensions, ornamented with two elegant show-windows and other modern appointments, with a basement of the same size, giving an abundance of room for supplying the most extensive demand. The stock is the largest and most complete of its kind in this section of the city, is carefully selected in every line, and displays all the materials that have been made popular by personal preference or the decrees of fashion, while equal attention is given to every assortment. The different lines comprise dress goods, silks, velvets, velveteens, cashmeres, and prints; white goods, cambrics, calicoes, and gingham; hosiery, gloves and underwear, corsets and bustles, laces and embroideries, notions, and infants' outittings; fancy goods, jewelry, and gents' furnishing goods; dress and cloak trimmings, ribbons and ties, parasols and umbrellas, and everything belonging to the staple and fancy dry-goods trade. The most enterprising and progressive methods are observed both in making purchases for the varying seasons and in ministering to the wants of patrons. The quality and desirability of the stock is ably maintained, and inducements in prices are quoted that could only obtain with a house so thoroughly prepared for efficient service. The affairs of the house are in a most flourishing condition, and the soundness and popularity of the policy pursued are calculated to maintain its prosperity. From thirty-five to forty clerks and salesladies are employed, and the trade is at all times brisk and lively. Mr. Simpson is an able and experienced merchant, enjoying the highest regard of the people for his honorable business career.

H. ROSENTHAL & BRO., Manufacturers of Brushes, No. 120 Chambers Street; Factory, No. 50 Warren Street.—At the present day brushes are made from a great variety of materials, from the wire specialty for burnishing the surface of metals to the sable hair brush for artists' uses. The bristles and hair used in the manufacture of brushes are chiefly obtained from Siberia, Russia, and France, which export to the United States two thirds of the entire supply, and the brushes made in New York are well known and appreciated all over this continent, and even Great Britain, for their superior qualities. In this connection special reference is made in this historical review of the industries of the metropolis to the widely-known and old-established house of H. Rosenthal & Bro., manufacturers of fine painters' and artists' brushes, whose office and spacious salesroom are located at No. 120 Chambers Street, running through the entire block to No. 50 Warren Street. The upper floors have a series of galleries the entire length of this very long building, all devoted to manufacturing brushes, with every appliance and facility necessary for the successful prosecution of their business, and where about two hundred experienced and skilled mechanics are almost constantly employed, all guided and under the direct supervision of Mr. Henry Rosenthal, who has created the present excellence of the practical paint-brush over the uncouth, unsightly, and ancient substitute—which a lifetime of study and experience can only accomplish, he having established this business over a quarter-century ago, and so conducted it until 1875, when he admitted his brother, Mr. Maurice Rosenthal, to partnership, whose effort it has been to produce such goods best suited to those markets which his travels embraced. Both partners are thoroughly able and practical brush-makers—fully conversant with every feature and detail of this industry, and the requirements of the trade in all sections of this country. Their business, however, is by no means confined to the United States, as large quantities of the firm's famous brushes are exported to Canada, South America, and Europe. Their specialty is the successful production of fine painters' and artists' brushes, and generally known as the "Arrow Brand," which have merited the claim of being absolutely unrivalled for quality, durability, and general excellence, having no superiors in this or any other market. They carry at all times a very large stock, thereby facilitating promptness in the execution of all orders entrusted to their care, and

their determination to yield their patrons entire satisfaction is steadily securing for them the most pleasant results. It is only just to state, in conclusion, that their enterprise, business ability, and integrity rate them high in the commercial world, and under their present able management this popular house is certain to retain the ascendancy in the future which it has already acquired in this useful industry.



Stock Exchange.

GEO. B. BENEDICT & CO., Druggists and Dispensing Chemists Rossmore Hotel, Broadway and Forty-second Street.—In elegance, reliability, and extent of trade the drug establishment of Messrs. Geo. B. Benedict & Co., at Broadway and Forty second Street, under the Rossmore Hotel, occupies a prominent position in that section of the metropolis. Its business reputation is of the highest character, and the careful regard for the interests of the public which distinguishes its operations has gained for it a measure of popularity shared by but few similar concerns in this city. It has been in successful operation since 1880, and under its enterprising and reliable management the volume of its transactions has been continually increasing. The store is spacious in size, handsome in all its appointments, and replete with everything that constitutes a thoroughly first class pharmacy. A very large stock is carried of pure drugs, chemicals, pharmaceutical preparations, essences and extracts, toilet and fancy goods, druggists' sundries of all kinds, and other articles belonging to the trade. The firm make their purchases from the most reputable sources approaching first hands only—a fact which is appreciated by all who have their wants supplied by this house. The prescription department is carefully and efficiently directed, in charge of experienced compounders, and the limit of precision and safety is reached in every case. Mr. Benedict, the active member of the firm, is a native of Connecticut, an accomplished druggist and chemist, and a gentleman of high social and business standing. We cheerfully accord this house a conspicuous place in these pages, both on account of the liberality and reliability of its management and the importance of the industry represented to society at large.

JAMES RICHARDSON, Wholesale and Retail Dealer in Teas, Coffees, Sugars, Provisions, and Flour, No. 53 Vesey Street.—One of the oldest business houses on Vesey Street is that of Mr. James Richardson, who for the past twenty-seven years has been in the grocery trade at No. 53 Vesey Street. Here he started in business with a partner, under the style of Richardson & Co., in 1863, and on the dissolution of the partnership in 1880 Mr. Richardson became the sole proprietor. He realized from the start that the surest road to success lay through watching each and every need of his patrons and catering to them, and in this way he pushed himself ahead into popular favor and obtained a large patronage. To-day he conducts a business at wholesale and retail in teas, coffees, sugars, provisions, and flour that will compare favorably with that of any other house in the trade in the city. His stock of groceries, dried fruits, canned goods, teas, coffees, provisions, etc., is exceptionally complete. It has been said that Mr. Richardson's charges are lower than those of most of his competitors in business. This is undoubtedly a fact. In buying he takes advantage of every turn in the market, bringing in stock at low prices, and giving his customers the benefit. The premises occupied are in every way admirably adapted for the business. They comprise a substantial brick building 25x100 feet in dimensions containing basement and five floors, which are neatly and suitably fitted up. Courteous and prompt attention is accorded to all patrons, and "the best of goods at the lowest prices" is the motto of the establishment. Flour is the leading specialty of the house. Mr. Richardson was born in England, and has resided in this city for thirty-five years.

S. GALLE & CO., Importers of Cheese, No. 28 Jay Street.—A thoroughly representative and reliable house in its special line of trade in the metropolis is that of Messrs. S. Galle & Co., the well-known importers of and wholesale dealers in cheese, located at No. 28 Jay Street, between Washington and West streets. This house was established twenty years ago, and has an extensive business connection throughout all sections of this country as well as of Europe. The business premises comprise an entire five-story brick building, 22x100 feet in dimensions, and unsurpassed facilities are possessed for conducting the trade upon the largest scale. A very heavy and valuable stock is constantly carried, and the trade is promptly supplied with the best goods that the foreign markets afford; also a large supply of American goods. The connections of the firm are of a character to enable them to secure their supplies in vast quantities direct from the leading manufacturers of Europe, and at such advantageous rates as inure to the benefit of all patrons of this house. Nothing but the finest grades of cheese are kept, and all branches of the business are conducted under the most favorable conditions. The characteristics which regulate the business policy of the firm serve to recommend them to universal confidence and esteem; their resources are ample and abundant, their facilities for procuring their goods are complete and perfect, their connections on both sides the water are wide-spread and influential, while the substantial inducements they offer to their patrons are not readily obtainable elsewhere. The members of this responsible firm are Messrs. S. Galle and S. Karlen, Europeans by birth, residents here for many years, and highly regarded in mercantile and financial circles for their business capacity, strict integrity, and personal worth.

DUKE & STAHL, Manufacturers of Fine Cigars, No. 278 West Street.—Among the flourishing and noteworthy industrial establishments that have sprung into prominence and prosperity of recent years in New York must be included the house of Messrs. Duke & Stahl, manufacturers of fine cigars, whose extensive factory is located at No. 278 West Street, between Desbrosses and Watts. Although a comparatively new firm, this house has attained a name and standing in the trade that place it at once among the leading houses devoted to this important branch of commercial activity, while the transactions of the concern, which now extend to all parts of New York New Jersey, and the Eastern States, are of a very substantial and gratifying character. The business was founded in 1880, and from its inception the firm have steadily pushed their way to public favor and confidence, building up in a short while an extensive and flattering patronage. The factory is comprised in a three-story building, excellently equipped for the purposes of the business, and employment is given a large force of expert hands. Only the best leaf tobacco enters into the production, and the firm

manufacture many popular brands of cigars, a favorite specialty being made of "The Grand Nation," and their goods are unexcelled for fineness of flavor and general excellence. Messrs. Duke & Stahl give most careful attention to the filling of orders, are liberal in their terms, and have an enviable reputation in the commercial community for honorable and equitable dealing.

E. D. ST. GEORGE, Manufacturer of Button, Bow and Ornament Cards, etc., No. 120 Centre Street.—The business of this establishment was inaugurated in 1880 by Mr. J. E. Linde, and was carried on by him until 1885, when Mr. E. D. St. George succeeded to the ownership. This gentleman is a native of Germany, and came to New York in 1873, since which period he has, through his energy and ability, won an enviable reputation as a business man of enterprise and worth. The premises occupied by him comprise a building consisting of four floors 25x80 feet in dimensions. The factories are equipped in the most approved style with the latest mechanical devices, the machinery being operated by steam-power, and every convenience is at hand that in any way would add to the perfection of the output or lessen the cost of production, employment being furnished steadily to about forty hands. The product of the house comprises button, bow and ornament cards, cloth, button, and novelty sample cards of every description and every variety of design. The trade is exclusively wholesale, extends to all sections, of the United States, and the annual sales of the house show a steady gratifying increase.

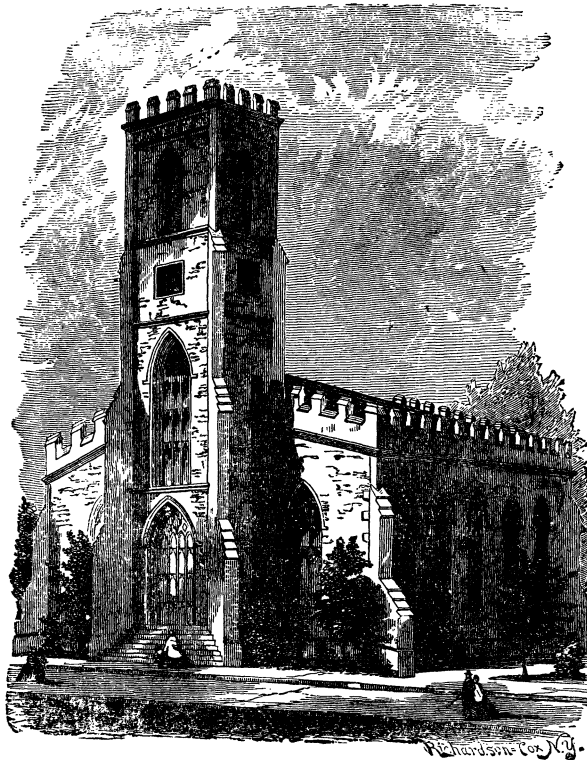
DR. P. KENISON, Chiroprapist, No. 868 Broadway.—The foot is as complicated a piece of mechanical organism as the jaw, while the toes, though not so numerous, are much more complex in construction than the teeth, and it is therefore of the greatest importance to give proper attention to the feet and toes. And as it becomes more generally appreciated, the calling of a well-equipped and skilful chiroprapist finds a wider sphere for the exercise of science and art. In this connection special mention should here be given to Dr. P. Kenison, the eminent and widely known chiroprapist. The office occupies one floor, with separate parlors for ladies and gentlemen. He has a branch in Boston at No. 18 Temple Place. He enjoys the distinction of being the oldest and one of the foremost practitioners in this line in the metropolis, having been in continuous and successful practice of his profession in this city for nearly a full half-century, numbering among his patrons many of the wealthy and leading professional people in this city and Boston. Dr. Kenison was born in New Hampshire. He is a gentleman of pleasant manner as well as an expert chiroprapist of long and varied experience, and is practically and thoroughly conversant with the art in all its features and phases. He commenced practice in this city and Boston in 1845, and at once established himself in popular favor. He employs from ten to twelve competent and reliable assistants. All diseases of the feet are treated scientifically and skilfully, and corns, ingrowing nails, and excrescences are extracted in the most superior manner without loss of blood or pain, operations on corns and bunions being performed at twenty-five cents each, and on nails at fifty cents each. Dr. Kenison receives an exceedingly large and fine patronage.

FULLER'S PATERSON EXPRESS, General Forwarders and Transfer Agents; General Office, Nos. 216, 218, and 220 Duane Street, New York, and corner of Market Street and Erie Railroad, Paterson, N. J.—Among the numerous express companies doing business in the metropolis, and one deserving of special mention in these pages, is the Fuller's Paterson Express. This express was originally established in 1869 by the Erie Railroad Co., under the management of Mr. Fuller. In 1872 Mr. Fuller, in partnership with Messrs. Guindon, Berdan and Peck, purchased the business from the railroad company, and their partnership remained intact until 1882, when a dissolution took effect. Since then Messrs. E. W. Guindon and J. H. Berdan have continued the business under the old style of Fuller's Paterson Express. The firm have a fine, spacious office at Nos. 216, 218, and 220 Duane Street in this city, where they receive merchandise of every description for transportation to Paterson, and where they give special attention to the careful handling of all kinds of machinery. At Paterson the firm have an excellent receiving office at the corner of Market Street and the Erie Railroad. The firm employ a large number of men and teams, are prompt in carrying out all orders, and their reputation for prompt and faithful service at reasonable charges is a most enviable one.

J. & F. LOHMAN, Successors to C. H. Merriman. Coal and Wood, Wholesale and Retail, No. 245 South Street and Nos. 479 and 481 Water Street.—A firm well worthy of especial mention in this volume is that of Messrs. James J. and F. Lohman, both of whom are natives of New York city. The business was founded originally by Mr. C. H. Merriman in 1870, and was conducted by him until the spring of 1887, when he was succeeded by the present proprietors under the present firm title, who, since their acquirement of the business, have greatly increased the trade and established a most excellent reputation. The premises utilized are of spacious dimensions, extending through from South into Water Streets, and are thoroughly equipped with all the facilities and conveniences for the successful prosecution of the business. Ample shed room is supplied for the proper protection of the large stock of coal, wood, and lumber constantly on hand. The firm handles all the best and most popular varieties of anthracite coal from the Schuylkill, Lehigh, Lackawanna, and Wyoming valleys of Pennsylvania, also the best bituminous brands, most suitably adapted for steam raising and forging purposes, possessing the elements of a true, free-burning fuel in the highest degree. They also keep constantly on hand a full and complete assortment of hickory, oak, maple, and other hard and soft woods for fuel purposes. The articles sent from this firm's yard are

passed into the sole control of his son and successor, James Furey, who under the firm name that heads this sketch has since carried on the same with unbroken prosperity. The stall, which is No. 104, is desirably located and admirably kept, and a heavy and A1 assortment is carried constantly in stock, comprising oranges, lemons, bananas, apples, onions, potatoes, tomatoes, squash, melons, berries, nuts, and choice fruits and vegetables of every variety in their season. Families, hotels, and shipping are supplied at the lowest rates consistent with first-class stock, and all orders are attended to in the most prompt and satisfactory manner, from capable assistants being in attendance, and the trade, which is both wholesale and retail, is at once large, prosperous, and permanent. Mr. Furey, who is a comparatively young man and a native of Brooklyn, is a man of push and excellent business qualities, and has engaged in the handling of fruits and vegetables in Fulton Market for nearly thirty-five years.

D. CHALUMEAU, Manufacturing Jeweler, No. 3 Maiden Lane. —The practical experience of thirty years in the manufacture of jewelry amply qualifies Mr. D. Chalumeau to carry on this line of business with ever-increasing success, and since he established himself in the metropolis more than



Church of the Strangers, Mercer Street.

all of the best quality, thoroughly cleansed, and proper weight and quantity are guaranteed in every instance. The trade is both wholesale and retail, and deliveries are made promptly upon receipt of order by mail, telephone or in person, in all parts of New York and Brooklyn (the telephone communication is Nassau, No. 380), several wagons and carts being employed constantly for that purpose. Messrs. J. and F. Lohman are typical New York business men, prompt, energetic, and straightforward in all transactions.

R. OBERT FUREY & SON, Fruit and Vegetables, Wholesale and Retail, Stand 104, Fulton Market.—An old established and popular Fulton market fruit and vegetable stand is that of Robert Furey & Son, which for upward of thirty-five years has steadily grown in public favor. This flourishing and well known stand was started about the year 1853 by Robert Furey (deceased), who conducted it up to 1879, when, owing to his death, the business

fifteen years ago he has built up a trade of which he may justly be proud, inasmuch as it extends all over the United States. He occupies eligibly-located quarters at No. 3 Maiden Lane, where his factory, office, and salesroom cover a spacious area, and are equipped throughout with all needed appliances and facilities for carrying on the enterprise in the most prompt and efficient manner. Mr. Chalumeau manufactures all kinds of gold and silver jewelry and makes a specialty of novelties and fancy wares in this line; as well as of diamond settings, miniatures on ivory in choice and unique settings, etc. He gives employment to several able and experienced hands, and all goods bearing his trade mark as that of the manufacturer are warranted to be first-class in every particular and reasonable in cost price. He is a native of France but has lived in the United States nearly a quarter of a century, and has spent the most of this lengthy period in the metropolis, where he is widely known and eminently esteemed by all with whom he is brought in contact.

WILLIAM DE LACY, Steam Book, Law, and Job Printer, No. 196 Fulton Street.—In some lines of business the mere mention of a name carries with it the idea of strength, reliability, and success. The steam printing establishment conducted by Gen. William De Lacy, at No. 196 Fulton Street, is a case in point. Operated under the skilful and popular management of the present proprietor since 1875, it has steadily grown in extent and reputation until it stands well in the front rank of all the houses of its kind in the great metropolis. Three spacious floors, each 25x80 feet, are utilized for printing purposes, which are equipped with five cylinder and five job presses, operated by steam power and every modern improvement is afforded tending to facilitate rapid and perfect production. Employment is given to from twenty to thirty skilled and expert hands, and the house is in a position to guarantee the prompt and satisfactory fulfillment of all orders. While devoting careful attention to general mercantile and job printing, it has also made a long step forward in the direction of the very highest class of law and book work, and parties who deal with this house will find its motto to be "a fair price for reliable work." General De Lacy, the enterprising proprietor is a native of England and came to this country in 1848. At the outbreak of the Rebellion he raised and maintained a full company at his own expense until the first of July, 1861, when it was mustered into the 37th Regiment, N. Y. Volunteers, then being organized by Judge John H. McCunn, but was subsequently commanded by Colonel S. B. Hayman of the old Seventh Regulars and attached to the celebrated Kearney's Division of the Third Corps, commanded by Generals Sickles and Heintzleman. Rapidly passing through the grades of first lieutenant and captain, on the 8th of October, 1862, he was promoted to the position of major. He served in all the engagements that Kearney's Division was engaged in, and after the death of that distinguished officer, was chosen by the officers of the division to design and procure the badge adopted and worn by them, and known as Kearney's Cross, awarded to those who had honorably served in battle under Maj. Gen. Kearney, and whose military record is without stain. During his service in the 37th Regiment, he was the recipient of many evidences of appreciation on the part of his superior officers. He was commissioned lieutenant-colonel of the 164th N. Y. Volunteers, attached to the Second Division, Second Corps. At Spottsylvania, May 13, 1864, Col. De Lacy was wounded twice, one shot permanently disabling his wrist, though the ball was extracted on the field; the second shot passed completely through the abdomen and he was supposed to be mortally wounded, and was so reported. He recovered, however, in about three months and returned to duty in front of Petersburg, participating in many skirmishes and engagements, being in command of Battery 9, immediately to the right of the famous Fort Hell. On the 25th of March, 1865, Fort Stedman was captured. Gen. William Hay, commanding this Division, in his report of the operations of that day, says: "Col. Wm. De Lacy, of the 164th Regiment, division officer of the day, was severely wounded. This is the third or fourth time this gallant officer has been wounded during the war." The United States bestowed upon him the rank of brigadier-general, April 13, 1865, for gallant and meritorious service. He was mustered out with the 164th Regiment at the close of the war, and on the 4th day of March, 1869, unanimously elected colonel of the 4th Regiment National Guard, and the rank of brevet-brigadier general was conferred on him by the State, June 2, 1869. On August 9, 1877 he was elected lieutenant-colonel of the 69th Regiment. He has served as commander of Michael Corcoran Post 427, G. A. R., since 1883, and Grand Marshal in 1887.

M. HECHT, Artistic Metal Worker, and Manufacturer of Fashionable Novelties, No. 232 Canal Street.—The growth of the manufacture of jewelry in the United States has of late years been as substantial and steady as that of any other of our great industries. Rich and beautiful jewelry is always attractive, and a leading house engaged in this line of manufacture in New York is that of Mr. M. Hecht, located at No. 232 Canal Street. This gentleman has a national reputation as an artistic metal worker, and manufacturer of fashionable novelties in silver, bronze, oxide, copper, and nickel, making a leading specialty of the manufacture of jewelry for the trade. He established himself in the business in 1882 and has enjoyed from the outset a liberal and substantial patronage. His manufacturing facilities are very spacious and commodious, the manufacturing department being thoroughly equipped with new and improved machinery, operated by steam power, and steady employ-

ment is given to forty-five skilled hands. The products of this responsible house include jewelry, head, and dress ornaments, girdles, vinaigrettes, belts, clasps, buckles, bon-bon boxes, and novelties which are constantly being devised and manufactured, prompt and careful attention being given to all orders for special designs. All these various goods are manufactured in the most admirable manner, and by their diversity and beauty render it easy to meet every taste and fancy. The class of jewelry and other novelties here produced are noted with the trade for their exquisite designs and artistic workmanship and are widely preferred by dealers by reason of their salability and intrinsic merits. Prices are placed at the lowest figures known to the trade, and the goods are in heavy and constant demand in all parts of the United States. Mr. Hecht is a native of Germany, a resident of this city for twenty years, and of high repute and standing in social and business circles.

GOTTFRIED F. SEIP, Manufacturer of Refrigerators, No. 179 Mott Street.—The extensive business of Mr. Gottfried F. Seip was established ten years ago by its present proprietor, who is a man of twenty-six years' experience in his trade. It is one of the most successful establishments of the kind in the city today, for Mr. Seip's work has become well known and is in active demand. All kinds of refrigerators and large ice-houses for butchers, grocers, hotels, restaurants, etc., are made to order, and every refrigerator is specially designed for the purpose intended and no two are ever made alike. Only the best materials are used and the workmanship is in all cases unexceptional. Mr. Seip exercises a constant personal supervision over his employees, and being a practical man himself the result is the production of a very superior class of work. A specialty is made of family refrigerators with arrangements for cooling drinking water. Mr. Seip has a large list of references from all parts of the city and suburban districts, all who have used his refrigerators speaking of them in the highest terms. Two floors the dimensions of each being 25x70 feet are occupied by the business, and from six to fifteen persons employed. Mr. Seip is a native of Germany, but has been a resident of this city ever since he came to America, twenty years ago. He is forty-two years of age, and is a member of the I. O. of O. F.

L. KAISER, Gold, Silver, and Nickel Plater; Oxydizing of every Description; No. 215 Centre Street.—The name of L. Kaiser gold, silver, and nickel plater, stands in the fore-front in his line in this vicinity, while his patronage is fully commensurate with the excellent reputation he enjoys for first-class work and reliability. Mr. Kaiser, who is of German birth, but a resident of this city many years, is a practical and expert workman himself, with long and thorough experience in the exercise of his arts. Being a man of push and energy, as well as skill, he established himself in business here in 1869, and from the start he has received a large and highly-flattering patronage. The shop is ample and compact, and is supplied with steam power and completely equipped with the most improved appliances and general appurtenances, while eight expert hands are employed. Gold, silver, and nickel-plating is done in the highest style of the art, and oxydizing of every description and electro-bronzing in all its branches, are executed in the most superior manner, replating old ware being a specialty, while polishing for the trade also receives prompt and satisfactory attention, and altogether an extensive and flourishing business is carried on; the patronage extending throughout the city, State, and adjoining States.

STEPHEN ROGERS, Decorative Painter, No. 261 West Street.—Mr. Stephen Rogers has actively conducted operations in this city as a decorative painter, and has ever enjoyed the popular good will of the public. Mr. Rogers was born in New York State, and founded his business in this city in 1838. He has ever made a leading specialty of the shipping trade, performing decorative painting for ocean and other steamers coming to this port. The spacious headquarters are filled with a large, superior stock of paints, oils, varnishes, and painters' supplies of every description, which are offered at wholesale and retail at the lowest possible prices. Employing a large force of skilled workmen, Mr. Rogers gives particular attention to the execution of contract work, basing his charges on the most moderate scale. A branch of the house is located at Allison's ship-yard, foot of Morgan Street, Jersey City, where orders may be left. Mr. Rogers attends personally to the supervision of his establishment, and directs all his affairs in an intelligent and systematic manner.

CITY TRADE MERCANTILE AGENCY, John V. Alexander, Manager, No. 50 Harrison Street.—The multiplied interests of a large community, the complications arising out of commercial transactions of large magnitude, and the necessity for expedition in the settlement of claims of various kinds give to the collection agency an importance and influence that are recognized by all persons of intelligence and mature experience. One of the most reliable and successful institutions so engaged in this metropolis is the "City Trade Mercantile Agency" under the able management of Mr. John V. Alexander, located at No. 50 Harrison Street. This enterprise was inaugurated here in 1886 for commercial reporting and collecting, and has quickly become a useful factor in the business activity of the community. The accuracy and reliability of the information and advice furnished by this agency has been firmly established, and its facilities are constantly being increased and its territory expanded. On all questions of law the management may be depended upon with perfect certainty, which fact is conclusively demonstrated by the confidence with which its opinions are held, as well as by the steady augmentation of its patronage. Collections are made in all parts of city trade and immediate neighborhood. By the splendid facilities and connections possessed this agency is enabled to effect mercantile collections in the most expeditious and satisfactory manner, its leading features being quick reports, moderate rates, prompt returns, and no charge unless collection is made. The agency may be justly considered as one of the features of our modern business system, and has attained a wide and well-merited popularity. Mr. Alexander, the indefatigable manager, is a native of New Jersey, and is known in the social, business, and financial circles of the metropolis as thoroughly reliable and responsible in all respects, eminently worthy of every confidence that may be placed in his care, and has developed a marked prestige in his business. He has made a specialty of collecting for the wholesale grocery trade throughout the city, and numbers among his patrons many of the largest and most influential houses in that line in the United States, and how effectively his work has been done in this connection is evidenced by the fact that for thirteen years he has been collecting for them, and still retains the patronage that has favored him from the commencement of his business. Any one requiring the services of this agency will do well to correspond with Mr. Alexander whose diversified experience with claims of the grocery trade is such as to guarantee the most gratifying results. An important feature with him in his relations with his clients is that everything is conducted with promptness and care, two very important essentials to a successful collection agency.

L. WINCKLER, Manufacturer of Gold and Silver Cane, Whip, and Umbrella Mountings, No. 142 Fulton Street.—The manufacture of gold and silver cane, whip, and umbrella mountings is a business calling for great mechanical ingenuity and the exercise of much originality in device. In this line Mr. L. Winckler is an acknowledged expert. He is not only one of the most skilled in his business, but he is backed by extent of experience that but few if any in the country in his line of trade can lay claim to. Mr. Winckler is a native of Germany, and sixty-four years of age. He left the fatherland for New York in 1848, and ever since his arrival in this city he has been identified with his present line of trade. In 1852 he began business on his own account in his present premises, and here for thirty-six years he has been plying his vocation. He is one of the best known men in the trade, and his work is always accepted by his patrons as the best that can be produced and strictly as represented. His trade is exclusively with the manufacturers of canes, whips, walking sticks, and umbrellas, and the products of his factory are shipped to all parts of the Union and even to Europe and Canada. He occupies the fourth floor at the address indicated, and this is equipped with special machinery, which is operated by steam power. A staff of competent workmen are here afforded permanent employment, and a large stock of gold and silver mountings in an almost endless variety of designs for canes, whips, and umbrellas is always kept on hand.

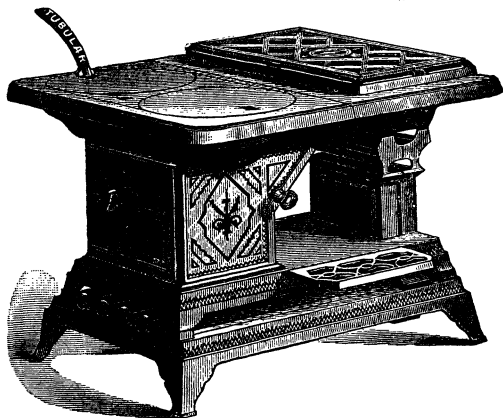
GEOGE HAWKINS, Dealer in Hay, Straw, Oats, Feed, and Excelsior, Nos. 105 and 107 North Moore Street.—Sixteen years ago this well known and flourishing business was established by Hawkins & Steele. The original firm name was retained until 1886, when Mr. Hawkins succeeded to the business. The trade is large, and extends throughout the city and environs, a consider-

able business being done around the port of New York. The premises occupied at Nos. 105 and 107 North Moore Street included a large warehouse, extensive yards, store, and office. Two two-story brick buildings, each 35x70 feet in dimensions, are thrown into one, and an immense stock of hay and straw is kept here. All the appointments of the establishment are first-class in every respect. The house deals at wholesale and retail in hay, straw, oats, feed, and excelsior, and its prices will always be found as low as those of other houses. Eight hands are employed. Mr. Hawkins is a native of Gloucestershire, England, but has been an American citizen thirty years. The early part of his life was spent in the mining districts of South Wales, Great Britain, and is a self-made man possessing unusual business ability.

A. H. NASH, Electro-plating and Manufacturer of Brass and Bronze Fancy Goods, No. 209 Centre Street.—Special mention may here be made of A. H. Nash (successor to the Arts Plating Co.), electro-plater in gold, silver, nickel, brass, and the metals; also manufacturer of brass and bronze fancy goods, who sustains an A1 reputation for fine work in this line, being, in fact, one of the foremost exponents of the art in this part of the city. This flourishing enterprise was started in 1872 by Charles Pendleton under the style of the "Arts Plating Co.," who conducted it up to 1882, when they were succeeded by the present proprietor, who has since continued the business with the most gratifying success. He occupies a 25x80 foot (second) floor, and the premises are supplied with ample steam power and completely equipped with the latest improved appliances, devices, and general appurtenances, while some half a dozen or so expert hands are in regular service, a very superior class of work being here turned out for the trade. Besides electro-plating in gold, silver, nickel, brass, and copper, Electro-bronzing of all kinds is executed likewise in the highest style of the art, and bronze and brass novelties are manufactured in unique and artistic designs and exquisite workmanship; in short everything comprehended in electro-plating, bronzing, and kindred branches is done in the most excellent and expeditious manner. Mr. Nash is a native of Staten Island and a resident of New Jersey.

B. QUACKINBUSH'S Wholesale and Retail Drug Store and Prescription Pharmacy, No. 703 Greenwich Street.—A veritable and noteworthy landmark in this section of the metropolis, and one of the oldest and best-known wholesale and retail drug stores and prescription pharmacies in the entire city, is that of B. Quackinbush, located at No. 703 Greenwich Street, near West Tenth Street, and which for upward of seventy odd years has maintained an enduring hold on public favor and confidence. And it may be added, also, that the establishment fully sustains to-day its old-time reputation for pure and excellent drugs, medicines, chemicals, and proprietary remedies, while physicians' prescriptions likewise are here compounded and dispensed in the most accurate and reliable manner at bottom prices. This flourishing and well-ordered drug store was established in 1817 by B. Quackinbush (deceased), who conducted it up to 1886, when, owing to his death, which occurred at this period at the ripe old age of ninety, the management of the business passed into the hands of his grandson and successor, B. F. Quackinbush, who has since conducted it with uninterrupted success, at present being associated with his father under the firm-name of B. F. Quackinbush & Co. This gentleman, who is a graduate of the New York College of Pharmacy, is a young man of thirty-three, as well as a vigilant and expert chemist and druggist, and is, in fact, one of the leading members of the pharmaceutical profession in this vicinity. The store, which is 25x80 feet in dimensions, with a well-ordered laboratory in connection, is neatly fitted up and appointed, while a heavy and carefully-assorted stock is constantly carried, comprising, besides a full and first-class line of pure and fresh medicines, drugs and chemicals of every description, also dye-woods, acids, extracts, oils, herbs, barks, and manufacturers' supplies; alcohol, mineral waters, toilet articles, perfumery, sponges, soaps, chamois, and kindred small wares. The stock likewise embraces sanitary preparations, druggists' sundries, and standard proprietary remedies, including the following specialties put up in the establishment: compound syrup of tar and wild cherry cough syrup; Barker's horse powders; white rose toilet cream; Kendall's troches, etc.; while three or four capable and experienced assistants are in regular attendance, and altogether an exceedingly fine patronage is received.

R. E. DIETZ COMPANY, Oil-stoves, Street-lamps, Lanterns, etc. No. 76 Fulton Street. R. E. Dietz, president.—A remarkable instance of the fruits of American ingenuity and enterprise is furnished on the improvements which have been made in the last few years in all kinds of oil-stoves for cooking and heating. A successful and reliable house in New York, actively engaged in this growing and valuable industry, is that of the R. E. Dietz Company, manufacturers of the famous "Dietz" Tubular Oil-stoves, whose retail department is located at No. 76 Fulton Street. This business was established in 1840, by Dietz Bros. & Co., who were succeeded in 1868 by Mr. R. E. Dietz. Eventually, in 1887, it was duly incorporated under the laws of New York, with a capital of \$1,000,000. The following gentlemen, who are widely and favorably known in mercantile circles for their just methods, enterprise and business skill, are the officers: R. E. Dietz, president; Fred Dietz, vice-president and treasurer; J. E. Dietz, secretary. The factory, which has just been erected is at the corner of Greenwich and Lighthouse Streets. It is



a superior seven-story-and-basement building 75x125 feet in dimensions, fully equipped with all the latest improved machinery, tools and appliances necessary for the successful prosecution of the industry. Over two hundred and fifty operatives are employed, and the machinery is driven by steam power. The R. E. Dietz Company manufacture largely tubular oil-stoves, tubular street-lamps, and tubular lanterns. These goods are unrivalled for utility, reliability and efficiency and have no superiors in this or any other market. "Dietz" Tubular Oil-stoves were awarded the highest premium over all competitors at the following: at Cincinnati Exposition, 1882; World's Fair, New Orleans, 1884-'85; American Institute Fair, 1884-'85-'86; New Jersey State Fair, 1884-'85, and many others. This tubular stove completely supercedes all others, and is the only one in the market that burns kerosene oil successfully. It is absolutely free from smoke, smell, and danger. All orders for the company's tubular goods are promptly filled, and the trade of the house now extends throughout all sections of the United States, while large numbers of "Dietz" Specialties are exported abroad.

HORACE E. STILLMAN, Wholesale Commission Merchant. Fresh Fish, Lobsters, Terrapin, Green Turtle, Prawn, Soft Crabs, Frogs, Hard and Soft Shell Clams, Scallops and Game, No. 4 Fulton Fish Market.—New York has long been recognized as a leading market for salt and fresh water fish in this country. The growth which has attended the fish trade is illustrated in no small degree of that general development which has characterized the commerce and manufactures of the metropolis during the past few decades. The demand not only includes home consumption but heavy cargoes for foreign shipment, certain brands of fish packed in New York having won for themselves great reputation abroad. Among the principal houses engaged in this branch of commerce is that of Mr. Horace E. Stillman, wholesale commission merchant in all kinds of fish, who occupies Stand No. 4, Fulton Fish Market. Mr. Stillman has been engaged in this market as employee and dealer for the past twenty-one years, and for thirteen years he has been in business on his own account. The stall is neatly and orderly kept, and it all times abounds with the finest quality of fish, the trade in which is exclusively wholesale. Consignments for sale on commission are received daily of fresh fish, lobsters, terrapin, green turtle, prawn, soft crabs, frogs, hard and

soft shell clams, scollops and game. A large business is done throughout all parts of the United States and Canada. Mr. Stillman's facilities in every department are unsurpassed, and it has always been a strict rule to sell everything exactly as represented; hence dealers everywhere know that the goods offered by him may be implicitly relied upon. Ten assistants and eight floats are engaged in the business, and Mr. Stillman controls several fishing boats, and the business is extensive and growing. Mr. Stillman is a native of Connecticut and in the fish trade of the metropolis he is now regarded as one of its leading men.

M. J. BEGLEN, Plumber, Gas and Steam Fitter, No. 406 West Forty-second Street.—A branch of business that has been developed into a science of late years is that of plumbing, especially in its branches devoted to sanitary engineering, and upon the correct execution of work in this line depends, in a large measure, the health and well being of the community. A gentleman who has distinguished himself by his skill and ability in this line is Mr. M. J. Beglen, of No. 406 West Forty-second Street, near Ninth Avenue, who has been established for the past eight years, and has built up a large and influential patronage throughout the city and its vicinity, and occupies a recognized leading position in the trade. Mr. Beglen employs a force of twenty experienced assistants, and carries on general operations as a plumber and gas and steam fitter, making a leading specialty of sanitary work. Estimates are furnished on application, and all contracts entered into are carried through to completion without delay, while all work is performed in a thorough and satisfactory style. Jobbing and general repairing are also promptly attended to. Mr. Beglen is a native of New York, and is well known throughout the community as a pushing, progressive business man, honorable in meeting all obligations, equitable and liberal in his dealings, and thoroughly to be depended upon.

PETER COUGHLIN, Artistic Designing and Engraving, Nos. 115 and 117 Greene Street, and Orange Valley, N. J.—The extent of the enterprise which is owned and guided by Mr. Peter Coughlin is so pronounced, and the character of the work so unique, that we cannot allow it to go unnoticed in a volume devoted to depicting the representative industries of the metropolis of to-day. Mr. Coughlin inaugurated his business in 1870, and, having an expert knowledge of his vocation, he met with deserved success from the outset. Occupying two spacious floors and a commodious office at Nos. 115 and 117 Greene Street, and Orange Valley, N. J., he carries on general operations as an artistic designer and engraver, making a leading specialty of the designing and printing of hatters' artistic trade-marks in gold, silver, steel plate, etc., and his productions have a standard reputation in the trade. The works are equipped in the most complete manner with the most approved machinery and mechanical devices, including fifteen fine presses, and employment is afforded a force of thirty competent hands. Every resource and facility is at command for the prosecution of the industry, none but perfect work is allowed to leave the establishment, and in all his transactions, Mr. Coughlin will be found prompt in meeting obligations, and equitable in his methods of dealing with patrons.

FRANCIS KOEHLER, Costumer, No. 2 Union Square.—One among the most popular of the well-known business establishments in the city is the costume depot of Mr. Francis Koehler, which is located at No. 2 Union Square. Mr. Koehler has had a long experience catering to the wants of the theatrical profession and the public, and since 1862 has been furnishing everything required in costumes of all kinds for dramatic performances, private theatricals, tableaux, masquerade balls, parties, etc., and also dominoes, opera cloaks, masks, etc., and makes to order costumes, cloaks, dominoes, etc., and has the finest and largest assortment of theatrical jewelry in the city. Mr. Koehler is a thorough business man and is well known in theatrical and in social circles, and numbers among his patrons many of our best citizens. For business purposes he occupies three floors, each 35x75 feet in area, and has one of the largest and most perfect assortments of costumes, etc., that is to be found in New York, and individuals and parties will always find at their establishment just what they want, or can have any kind of costume or masquerade dress made to order at short notice at very moderate charges. A native of Germany, Mr. Koehler arrived in New York in 1853, and has since become widely known and popular and made many friends, and enjoyed a successful, prosperous career.

MELLEN & CO., Bedding Supplies, Nos. 142 and 144 Worth Street.—The oldest established and most widely known house in New York engaged in the sale and manufacture of bedding supplies is that of Messrs Mellen & Co., whose offices and salesrooms are centrally situated at Nos. 142 and 144 Worth Street. This popular and reliable house was founded originally in 1828, and, after several changes, in 1872 Mr. Abner Miller became sole proprietor. The premises occupied comprise a superior five-story and basement building 50x100 feet in dimensions, fully supplied with every appliance and facility for the successful prosecution of the business. Messrs. Mellen & Co. are extensive wholesale dealers in feathers, and mill agents for many brands of tickings, webbings, burlaps, African fibre, moss, husk, excelsior, bed-lace, twine, mattress tufts, etc., and likewise import and manufacture South American horse-hair. The firm are sole agents for "purified moss" and Dundee and Leader upholstery webbings—double-twist warp, warranted, and greater tensile strength than any other make. They are also manufacturers' agents for Surrey, Rochester, Denver, Fairfield, Glencoe, English, Vienna, Berlin, Dresden, Prague, Saxon, Marion, Castine, Ellington, Preston, Maumee, Arden, Granada, Red Ball, Katonah, Verona, Ossawan, Stanley, Carmel, Dunbar, Mineola, Compton, Julian, Merlin, Yantic, and other well-known brands of tickings. All bedding supplies and specialties handled by this trust-worthy house are known for quality, reliability, utility, and uniform excellence, and have no superiors in this city or elsewhere, while the prices quoted for them are as low as other contemporary firms. The resources and facilities of this successful house are such that the largest orders can be promptly filled, an advantage that the trade is quick to appreciate. The trade of Messrs. Mellen & Co. now extends throughout all sections of the United States, and is steadily increasing, owing to the superiority of its productions. Mr. Mellen was born in New York, and is highly esteemed by the community for his enterprise, business capacity, and integrity. This house is commended to our readers as one capable of meeting all the requirements of the trade and those entering into business relations with it may be assured of treatment and advantages in keeping with a liberal and just commercial policy.

M. F. PECK, Produce Commission Merchant and Dealer in Fruits, Vegetables, Poultry, Eggs, Calves, etc., No. 101 Park Place.—The house of Mr. M. F. Peck should receive conspicuous mention for the success it has achieved in a comparatively short time in building up an extensive trade, and taking a stand with the oldest concerns in the city in its special field of activity. Founded in 1883 by the present proprietor this establishment commenced business under circumstances that gained for it the speedy recognition and favor of the trade. The proprietor, Mr. Peck, is a native of Connecticut, has resided in New York for forty years, and for five years before founding his present enterprise was attached to the commission house of John Nix & Co., during which period he gained an expert knowledge of this branch of commerce, and won a widespread business acquaintance. The premises occupied consist of a building having four floors, each 25x100 feet in dimensions, and thoroughly equipped for the handling of a large, active trade. Mr. Peck is a general commission merchant and dealer in fruits, vegetables, poultry, eggs, calves, and farm products of all kinds, and on account of his excellent connections is enabled to offer the trade the choicest quality of goods in his line that the market affords. Consignments are received daily, a heavy stock is constantly carried to meet the demand, and all orders are promptly and satisfactorily filled.

J. F. HOOPS, Confectionery and Ice-Cream Depot, No. 981 Sixth Avenue.—A popular, prosperous, and representative business house, located in this section of the city, is that conducted by Mr. J. F. Hoops, whose well-patronized confectionery and ice-cream depot is situated at No. 981 Sixth Avenue, between Fifty-fifth and Fifty-sixth Streets. Mr. Hoops founded his enterprise ten years ago, and has met with deserved success from the first, owing to the superiority of the goods manufactured and dispensed by him. The premises occupied comprise a store, 25x50 feet in dimensions, divided into a salesroom and ice-cream parlor, tastefully and attractively fitted up, and kept in scrupulously clean condition. The basement is fitted up as a manufacturing department, and is provided with all the necessary appliances for the systematic and economical conduct of the business. Mr. Hoops manufactures every variety of

plain and fancy confectionery and ice-cream, using none but the best materials, and his goods are guaranteed to be strictly pure and free from adulteration. He employs a number of competent assistants, and enjoys an active first-class trade in all seasons. He serves parties of all kinds in all seasons with the best cream and confections at the lowest terms. A native of Germany, Mr. Hoops has resided in New York for the past fifteen years, and is favorably known as a hard-working and popular merchant, of honorable methods and sterling integrity.

GEO. EVANS, Dealer in Stoves, Ranges, Hollow Ware, etc., No. 233 Water Street.—There is no country in the world that surpasses the United States in the manufacture of stoves and ranges. The American patterns already patented and in use may be counted by thousands, and new designs appear every season. In this connection special reference is made in this commercial review of New York, to the old-established and reliable house of Mr. Geo. Evans, whose office and salesrooms are situated at No. 233 Water Street. This business was established thirty years ago by Mr. M. L. Filley, who conducted it till 1884, when the present proprietor succeeded to the management. Mr. Evans deals largely in stoves, ranges, hollow ware, etc. He is agent in New York for the following famous houses, viz: M. L. Filley, Saugatuck Iron Works Company, Raymond & Campbell, Phillips & Clark, and Sherman S. Jewett & Co. The premises occupied comprise a commodious four-story building 25x100 feet in dimensions, which is fully stocked with a splendid stock of the stoves, ranges and hollow ware of the above named celebrated houses. Mr. Evans fills all orders promptly at the lowest possible prices, and his trade now extends throughout all sections of New York and the adjoining States. The business is both wholesale and retail. Mr. Evans is a native of Troy, N. Y., and is highly regarded in mercantile circles for his sound business principles, industry, and integrity.

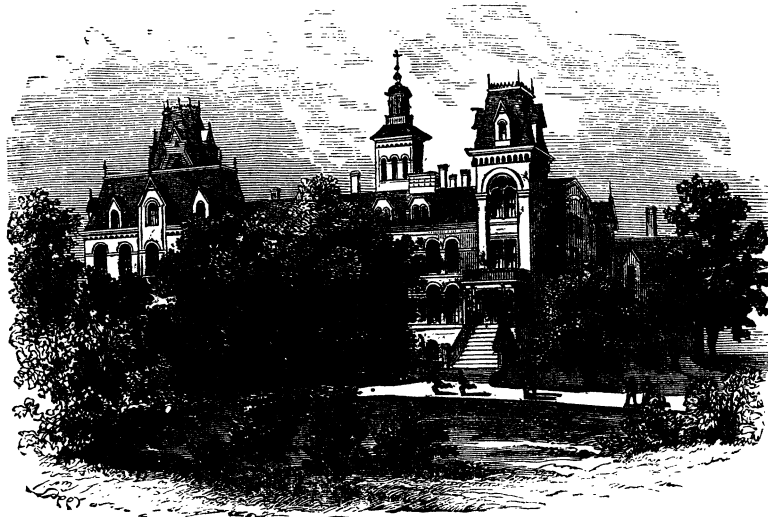
HENRY GRIEM & SON, Manufacturers of Rollers for Lithographers' use, No. 6 City Hall Place.—Few concerns devoted to the manufacture of rollers for lithographers' use in the metropolis are more widely or favorably known in the trade throughout the country than that of Henry Griem & Son, whose history since its inception thirty odd years ago marks a record of steady progress. The articles produced by this popular and reliable firm are of a very superior character, being in fact, not surpassed in any feature of merit—in quality, workmanship, finish, or efficiency—by those turned out in any establishment in this city. This thriving enterprise was started in 1857 by Henry Griem (deceased), who conducted it alone up to 1884, when he admitted into partnership his son, of the same name, and thus was formed the firm whose name heads this sketch, and under this style the business has since been continued with unbroken success, the senior members having been removed by death, however, in 1887. The shop is ample and commodious, and is completely equipped in every respect, while several expert workmen are employed. The products include rollers for lithographic purposes of every size, style and variety, while a full and fine assortment is constantly carried in stock, and the trade extends all over the country. Mr. Henry Griem the younger, who is now the sole proprietor, is a young man of push, experience and skill, and is thoroughly conversant with the wants of the trade. They also import all their own leather which is used in the making of these rollers, having the sole agency for the United States and Canada for the celebrated brand of C. B. French leather, only imported leather being used in the making up of these rollers.

JOHAN H. KIRK, Engraver and Printer, No. 90 Nassau Street.—Mr. Kirk enjoys the distinction of being the oldest engaged in his line in New York. He is a gentleman well past the meridian of life, but active, energetic, and devoted to his business, and is a native of this city, although he has for years resided in Brooklyn. He is a thoroughly practical and expert workman himself, with long and varied experience in the exercise of his art, and has conducted business on Nassau Street without interruption since 1857. He occupies here compact and well-equipped quarters, and has at hand ample and excellent facilities for executing all orders, four presses being in service, while four or more competent assistants are employed. Wedding, visiting, business, and address cards are engraved and printed in the highest style of the art, and initial stamping, both plain and in color, is done also in the most superior and prompt manner, nothing but A1 work being turned out.

MCGIBBON & COMPANY, Importers of Linens and Upholstery Goods, No. 913 Broadway.—The leading representative house in the United States engaged in the importation of the finest Linens and Upholstery Goods is recognized to be that of Messrs. McGibbon & Company of No. 913 Broadway. The business is very old established, dating back to 1837, when it was founded by the late Mr. William Morton. It has thus just completed its semi-centennial of existence, and an honored record it has. Mr. James Paton succeeded Mr. Morton, and subsequently formed the firm of Messrs. James Paton & Company, who afterwards was succeeded by Paton & Company. In 1866 Mr. W. C. McGibbon acquired the proprietorship, bringing to bear years of experience with the former house, coupled with an intimate knowledge of the wants of the trade. He formed the firm of McGibbon & Company, uniting with him in copartnership Messrs. C. H. Allcock and J. R. Lord, gentlemen of ability and experience in that business. The house are direct importers of the finest French, German, and Irish Linens, and best foreign Upholstery Goods, etc., and offer substantial inducements both as to price and quality all through their immense stock. The premises occupied are very extensive, comprising the entire five-story building No. 913 Broadway, and handsomely fitted up throughout. The main floor is devoted to a complete display of linens, comprehensive in every detail. The second and third floors are filled with the richest stock of

and second hand printing presses, machinery, and paper cutters, leads, slugs, metal furniture, brass rules, dashes, reglet, lead and rule cutters, and type of all kinds from all the leading foundries in America, and his extensive salesroom contains a large stock of goods of the most reliable manufacture. Printing offices are completely fitted up, estimates being furnished on application, and all contracts undertaken are carried through to satisfactory completion at terms of the most favorable character. Mr. Metz is a native of New York, and has resided in this city for the past quarter of a century.

R. T. & S. BLOOD, Consecutive Numbering, Blank Book Paging, and Perforating, No. 81 John Street.—In its special department of industrial effort the house of Messrs. R. T. & S. Blood holds a position of supremacy, and enjoys a deservedly high reputation. The firm occupy spacious quarters, and carry on general operations in the execution of consecutive numbering, blank book paging, and perforating for the trade. It is now eleven years since the Messrs. Blood founded their business, and during the intervening period they have built up an active, extensive, influential, and permanent patronage. Their plant embraces all the most improved machinery and appliances peculiar to the industry, and employment is afforded a force of experienced operatives. The firm execute numbering of bank checks, drafts, theatre



Colored Orphan Asylum.

Upholstery Goods and Lace Curtains in the market. The fourth floor is devoted exclusively to wholesale business, from which they sell to all parts of the country. Upwards of seventy-five persons are employed in the various departments. This is the only exclusive Linen and Upholstery house in the United States, and has a national reputation. In linen goods can be had all grades Sheetings, Shirtings, and pillow-case Linens; Table-Cloths and Napkins, all sizes; Towels, Quilts, Eider-Down Comfortables, Blankets, and Handkerchiefs; and in Upholstery Goods, Gobelin Tapestries, Brocatelles, Silk Turcomans, Portières and Verdure panels of very rare character; also Cotton Guipure Curtains, Louis XIV. Lace, Brussels, and real French Tamboured Muslin Curtains of the most rare and exclusive designs. The firm is noted for prompt and honorable dealing, being a worthy leader in one of the most important branches of trade.

JOHAN METZ, Printers' Supplies, No. 117 Fulton Street.—Mr. Metz inaugurated his enterprise in 1876, starting on Beekman Street, where he remained until four years ago, when he removed to his present commodious quarters. Through his intelligent and energetic direction of his affairs he has built up a large and desirable trade, having permanent patrons in all parts of New York and the surrounding States, and his house bears a superior reputation on account of his progressive and honorable methods of management. Mr. Metz carries on an active line of operations, as new

tickets, railroad tickets, etc., and all work entrusted to their care is performed in the most expeditious, accurate, and satisfactory manner. A heavy stock is kept on hand, and every facility is possessed for promptly meeting the wants of the trade. The Messrs. Blood were for eight years connected with that celebrated house—the American Bank Note Company—and obtained valuable experience while in this position. They are natives of this city.

CHAS. P. DRESCHER, Wholesale and Retail Dealer in Butter and Cheese, No. 13 Washington Market.—Mr. Charles P. Drescher has secured for himself an excellent reputation in consequence of the standard and uniform quality of the specialties in which he deals. His butter is noted for its sweetness, and among the various grades contains some of the choicest products of the dairies and creameries in the State of New York and from the West. Besides butter, of which he handles vast quantities, he also deals in superior domestic cheese. The trade is altogether done in the city and its vicinity. The stall is one of the most attractive and best stocked in the market, and has every necessary provision for keeping the stock fresh and choice in the hot months of the year. Carefulness and satisfaction mark the fulfillment of all orders, and the prices charged are invariably the lowest in the trade. Mr. Drescher was born in this city forty-four years ago, and he has been in business at his present location for the past twenty-eight years.

JOHN DOWNS, Furnaces and Ranges, Plumbing and Gas Fitting, etc., No. 102 West Forty-second Street.—One among the best-known of the old-established business men uptown is Mr. John Downs, who since 1856 has been engaged as a dealer in furnaces and ranges, and is a tinsmith and sheet-iron worker and plumber and gas-fitter, etc. Mr. Downs is a thorough, reliable workman, and in his special branches is pronounced one of the best in the city, and is highly indorsed and recommended by all who have employed his services, and he is pleased to refer to the following well-known citizens and property owners: References: Hon. J. K. Hackett, 72 Park Avenue; Mr. LeGrand B. Cannon, 811 Fifth Avenue; Mr. Francis Baker, 13 East Seventy-fourth Street; Dr. Bozeman, 9 West Thirty-first Street; Mrs. Coe, 4 East Forty-sixth Street; Mr. James S. Warren, 15 East Forty-first Street; Mr. John W. Pirsson, 40 East Forty-first Street; Mr. William E. Tefft, 747 Fifth Avenue; Mr. Henry E. Lawrence, 57 East Twenty-fifth Street; Rev. Howard Crosby, 113 East Nineteenth Street; Mr. D. H. Arnold, 383 Fifth Avenue; Capt. J. Grafton, 309 Fifth Avenue; Mr. T. Robins, Jr., 46 East Twenty-fifth Street; Mr. R. G. Dun, 261 Madison Avenue; Mr. M. Hartley, 17 West Thirtieth Street; Mrs. E. M. Crosby, 165 Madison Avenue; Mr. James T. Swift, 16 West Thirty-first Street. The premises occupied by Mr. Downs are very commodious, and are well fitted up and provided with all the conveniences necessary for the purposes of the business. He employs a number of skilled, practical workmen, and is prompt in attending to orders. He has on sale the newest styles of furnaces and ranges, containing the latest improvements, and also plain or plated grates, made by the best manufacturers in the country, and gives his personal attention in putting on and repairing tin roofs, gutters, and leaders, and setting furnaces and ranges, and making repairs, and cleans flues in the best manner without dust or dirt, and sets flagging, and does all kinds of mason work, furnishes plans and estimates, and attends to general jobbing in all branches of his business. Mr. Downs was born in England, and early in life came to the United States, and has been located in New York since 1845.—N.B. The following from the late Recorder Hackett will speak for itself: "I have the pleasure in certifying to the fact that having been a householder in this city nearly twenty years, I have had the necessity upon several occasions to seek and find you for the purpose of availing myself of your superior skill as an artisan and mechanic, and have no hesitation from any personal knowledge in the statement, that I have never met your superior in the quality and finish of your work, and warmly and conscientiously commend you to all classes of our citizens who may have occasion to employ any person in the line of your profession.

"Respectfully yours,

JOHN K. HACKETT."

GARRET ADREANCE, Machinist, Lathe, Die, Tool, and Press Maker, No. 45 Ann Street, Rear Building.—A time-honored and noteworthy establishment devoted to the production of light machinery, tools, dies, and complex mechanical devices in the old section of the metropolis is that of Garret Adreance (successor to G. D. Adreance & Son), general machinist, die-cutter, tool and press maker, No. 45 Ann Street, rear building, which has been in prosperous existence for sixty odd years, and which is one of the oldest concerns of the kind in the entire city or State, while its products have secured an enduring hold on public favor throughout the United States, owing to the general excellence and reliability of the same. The shop was established by G. D. Adreance, father of the present proprietor, and thirty years later the style changed to G. D. Adreance & Son, which continued up to 1880, when the junior member (the gentleman whose name heads this sketch) assumed sole control, and has since conducted the business alone with success. The premises occupied are ample and compact and are supplied with full steam power and completely equipped in every particular with the latest improved appliances and general appurtenances, while ten or more expert workmen are employed. A general line of machine work is executed in the most superior style of the art, lathes, dies, tools, and presses of all kinds being turned out including every description of machines and tools, for jewelers, engravers, pencil-case, watch-case, and gold-pen manufacturers; also cylinder and chain fluting machines, for ruffling, ruching and pleating lace goods, etc., eyeletting machines and cutters for book-binders, shoe manufacturers, etc., punching presses, press tools, and dies, for perforating and cutting sheet metal; lard and tallow triers on hand and made to order; rosettes are cut in the most accurate and perfect manner, and lathe work, turning, planing, fitting, repairing, and altering, promptly done at short notice likewise, and altogether the

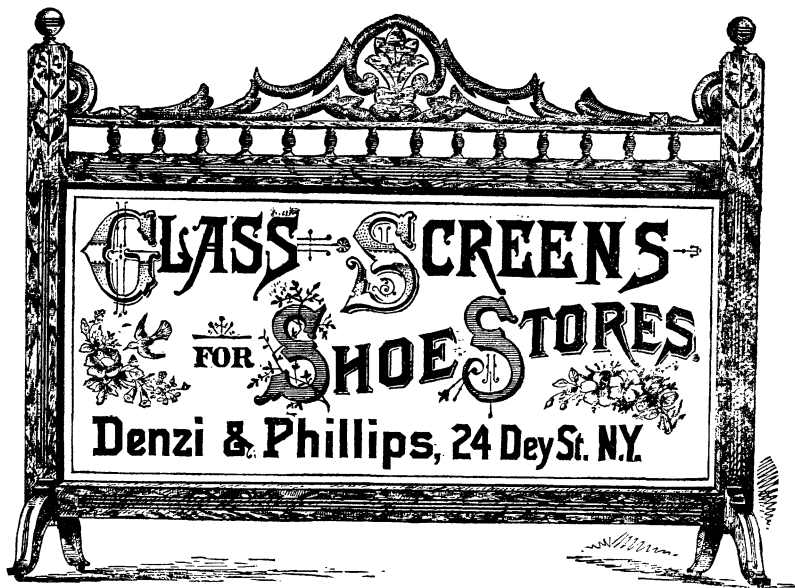
trade of the establishment, which extends throughout the entire country is large and flourishing, affording evidence of constant and material increase annually. Mr. Adreance, who is a gentleman of fifty-five and a New Yorker by birth, is a practical and expert machinist himself with long and varied experience in his line, and is a thorough master of the art in all its branches.

THOS. S. ROGERS, Wholesale and Commission Dealer in Fresh Fish, No. 148 Beekman Street, Opposite Fulton Market.—No one throughout the wholesale trade in fresh fish in the United States, is more widely and favorably known than Mr. Thomas S. Rogers whose extensive establishment is so centrally located at No. 148 Beekman Street, opposite Fulton Market. There are few if any with his vast range of experience, which now covers over half a century, though to look at Mr. Rogers one could not realize it, so hale, hearty, and active is he. Thoroughly progressive, he to-day has the best facilities to handle the largest consignments of fresh fish of anybody in the trade. He was born in New London, Conn., and has personal knowledge of every branch of the trade from "catcher to dealer." At one time he owned and ran from fifteen to eighteen boats, often handling tons of fresh fish each twenty-four hours. He is doing a strictly wholesale and commission business only, having started in business in New York in 1867, steadily enlarging his volume of sales and seven years ago finding his accommodations in the market far too limited, he removed to his present premises, comprising the entire four-story and basement building, No. 148 Beekman Street, 25x40 feet in dimensions, and the best fitted for the required purposes we have ever seen. Mr. Rogers is a thoroughly responsible and honorable merchant, alive to the best interests of his hosts of consumers. He is prepared to handle the largest consignments in the most satisfactory manner, rendering prompt account sales and overseeing the careful attention giving to filling of orders observed here. He numbers among his customers leading fish markets of this city, Brooklyn, etc., and dealers all over surrounding sections. Mr. Rogers has been a permanent resident of New York for the past twenty-three years, and is an able and honored representative of one of the great staple branches of commerce, and who has achieved his success based strictly on the policy of dealing liberally and fairly with all.

PETER MACDONALD, Real Estate Broker, No. 1651 Broadway.—This house was originally established in 1875 by Messrs. Hall & Nixon. Mr. Nixon retiring in 1880, Mr. Macdonald, the present proprietor, taking his place at that date, succeeded to the sole control on the death of Mr. Hall in 1882, though he has been in the business since 1868 with J. & W. Dunham. Bringing to bear a wide range of practical experience in real-estate matters, and an intimate knowledge of the various residential and business sections of the city, he has developed a connection of the most superior character, including among his permanent patrons many leading capitalists, investors, and property owners of the city. He is prepared to promptly dispose of realty at fair values, while offering bargains to conservative investors that are guaranteed to produce a steady income and a prospective increase in values. He also transacts a general insurance business, being at all times prepared to effect insurance upon city or country property in reliable companies, quoting the lowest rates of premium, and guaranteeing a prompt and liberal adjustment of all losses. He occupies a handsome suite of offices, and performs every duty intrusted to his care with the utmost promptness, fidelity, and success. Mr. Macdonald is a native of Scotland.

T. J. MULLANEY & CO., Manufacturers of Plain and Fancy Paper Boxes, No. 250 Canal Street.—A representative local establishment is that of Messrs. T. J. Mullaney & Co., manufacturers of plain and fancy paper boxes; hatters' boxes a specialty. The premises occupy the second floor of a large building at the above address and the general appointment of the establishment includes all the modern conveniences and facilities for the advantageous prosecution of the enterprise. A corps of experienced hands is employed and the product comprising a great variety of styles and sizes of hatters' boxes has a standard reputation for general excellence in the trade and commands a prosperous market. Mr. Mullaney was born in Ireland but came to this city at an early age in 1870. He became identified with the box-making business in 1875, and after working for others for a period of six years embarked for himself in 1881 in this enterprise.

This is
Style
No 3
44" Long
48" High
— to top —
of ornament
Cabinet
style
Frame,
Embossed
Sign
in Front,
French Plate
Beveled
Mirror
at the back.



DENZI & PHILLIPS, Artistic Glass Signs, No. 24 Dey Street.—
The proud title of being the "largest in the world," is one that
is always looked upon with envy in commercial circles, and is
a desideratum that has many aspirants. This position, in its

FOOT MIRRORS FOR SHOE STORES
DENZI & PHILLIPS
24 Dey St. New York

This is
STYLE
No 105



**We letter at the top, or in one corner very neatly so as
not to obscure the mirror, the advertisement of the
Manufacturer, so that it will be seen by the customer.**

special department of industry, is occupied by the house of Messrs.
Denzi & Phillips, the widely-known manufacturers of glass signs,
whose establishment is located at No. 24 Dey Street, which they have

occupied for twenty years. The firm possess every facility for the
prosecution of their enterprise, and bring to bear in their operations
a combination of experience, energy, and thorough practical knowl-
edge of their vocation. The business of this substantial and prosper-
ous concern was inaugurated in 1866 by Mr. I. F. Denzi, and after a
few firm changes, Mr. J. Knox Phillips became his partner in 1880,
since which period the house has been conducted under their joint con-
trol. The extensive premises occupied are comprised in four floors,
each 25x100 feet in dimensions, and equipped throughout in the most
complete manner for the systematic prosecution of the industry, and
the exigencies of the business demand the employment of from sixty
to seventy-five hands. Messrs. Denzi & Phillips are general manu-
facturers of artistic glass signs, and several specialties in their line
for advertising and other purposes, performing all their work by dif-
ferent processes of their own invention, and turning out only the
finest class of goods. Contracts are entered into and signs furnished
in any number on the most favorable terms. A very large patronage
is supplied, the trade extending to all parts of the United States and
Europe, and the demand is constantly increasing as the fame of the
house extends. The copartners, Messrs. Denzi & Phillips, are both
natives of New York, the former having been born in the city, the
latter in Williamsburgh. They are well known for their enterprise
and excellent personal characteristics, and their establishment is a
valuable factor in promoting the general welfare of the community.

A. S. KETCHAM, Wholesale and Retail Dealer in Butter, Cheese,
Eggs, Poultry, etc., Nos. 131 and 152 Fulton Market.—Mr.
A. S. Ketcham established himself in business some ten
years ago at stands Nos. 131 and 152 Fulton Market, and
brought to the enterprise an experience in his line of trade covering
a period of twenty years. Mr. Ketcham keeps constantly in stock a
large amount of fancy grades of butter, in which he does an exten-
sive trade. He also keeps in stock a large quantity of the different
varieties of cheese, eggs in large numbers and of choice quality,
poultry and game in season, etc. His stalls are models of cleanliness
and order, and being an excellent judge of the various commodities
dealt in by him patrons can always rely upon obtaining from him the
finest class of goods in the market at the lowest current rates. Mr.
Ketcham's business partakes of a wholesale and retail character, and
he does a large trade with retail grocers, hotels, restaurants, steam-
ships, etc. Besides this he controls a large trade with private families
and this he has created by the superior quality of his goods and by
his honest, straightforward manner of dealing. Among market men
Mr. Ketcham is widely known and deservedly respected for energy
and sturdy honesty. He is a native of Brooklyn, is a gentleman of
middle age, and is possessed of those qualities which, rightly used,
insure success. He is aided by competent and courteous assistants,
and he leaves nothing undone that is calculated to afford satisfaction
to those who patronize him with their orders.

JOSÉ S. MOLINS, Importer and General Commission Merchant, No. 273 Pearl Street.—The close relationship now existing between New York, Cuba, Central and South America, is amply demonstrated by a review of the operations of our leading houses engaged in the export trade. Among the most popular and enterprising in this line is Mr. José S. Molins, whose office and warehouse are centrally situated at No. 273 Pearl Street. As an exporter, importer, and general commission merchant Mr. Molins possesses exceptional facilities for undertaking all kinds of business between New York and the United States generally, and Cuba, Mexico, Porto Rico, and other Islands, Venezuela, Colombia, Honduras, San Salvador, Costa Rica, Guatemala, Nicaragua, etc. He commenced business nine years ago, and now occupies a commodious four-story building 25x80 feet in area. Mr. Molins makes a specialty of largely exporting to Cuba and South America Ports, cigar and cigarette supplies and lithographic goods. He also handles all kinds of consignments on commission including hides, sugar, molasses, lignum-vitæ, mahogany, cocoa, coffee, pimento, ginger, rubber, etc., always guaranteeing prompt returns on same. This business has ever been conducted on sound and honorable principles and Mr. Molins has the highest standing in our principal commercial and financial circles. He was born in Cuba, but has resided in the United States for the last twenty-two years. Mr. Molins manufactures all kinds of materials for the manufacture of cigarettes and cigars, such as tobacco tables, etc., in Spanish countries at lower prices than any other house in this country or Europe.

W. NÄF, Importer of Stones for Jewelry, French Garnets, etc., No. 42 Maiden Lane.—Among the most active and enterprising importers of stones for the jewelry trade is Mr. W. Näf of No. 42 Maiden Lane. Though a young man in years, he is old-experienced in this branch of trade, and since starting in business two years ago has developed wide-spread influential connections and is popular alike with dealers and manufacturing jewelers. He makes a specialty of French garnets and doublets of great fire and beauty, (also in many fancy shapes) renowned for the care taken in their selection and cutting, and quoted at very moderate prices. Mr. Näf also imports most perfect and handsome white stones, which when properly mounted are an exact imitation of the diamond, rivalling it in sparkle and brilliancy and specially popular with the manufacturers of Rhine-stone jewelry. He exercises the greatest care to handle a class of goods throughout that meet the expectations of the most advanced and prominent class of trade. Mr. Näf is energetic and quick to introduce all the novelties in his line, while his honorable methods and sterling integrity have ever retained for him the confidence of leading commercial circles, and we strongly recommend him to the attention and patronage of manufacturing jewelers all over the United States.

T. HANRAHAN & CO., Stamps and Presses, No. 73 Nassau Street.—There are few if any wholesale and retail dealers in hand stamps, seal presses, etc., in the metropolis who have been engaged in this line of trade a greater length of time, or are the recipients of a larger degree of patronage than Mr. T. Hanrahan of No. 73 Nassau Street. He originally established the business in 1865, and for many years occupied the premises adjoining his present quarters which consist of two entire floors of a spacious building, and these are excellently arranged and equipped as a factory and salesroom. Several skilful hands are employed in the manufacture of the goods dealt in, which include ribbon and rubber hand stamps, seals, presses, wax seals, self-inking stamps, numbering stamps, daters, check protectors, etc., of the latest improved patterns. A large and varied stock is always on hand and a liberal and permanent wholesale and retail trade throughout the city and vicinity is supplied with goods from this reliable and popular establishment. Mr. Hanrahan has resided in the metropolis for the past thirty years and is widely known in business circles as a worthy representative of his trade.

F. BRUNNER, Engraver, Die Sinker and Letter Cutter, Steel and Brass Stamps, Seals and Seal Presses, No. 99 Fulton Street.—Mr. Brunner has long been a recognized expert master of his profession, and he has won success through his ability and application, studying the interests of his patrons closely, and always endeavoring to please. It is now twenty-one years since he founded his enterprise, and during the years intervening he has developed a large, superior connection, acquiring an

influential and very desirable trade. The premises occupied are fitted up in the most complete manner for the required purposes, machinery and all appliances being at hand to aid the employees in their work. Mr. Brunner carries on general business as an engraver, die-sinker, and letter-cutter, manufacturing soap-moulds and dies of every description, door and machine plates, pew numbers, steel and brass stamps, seals and seal presses, dies for spool and label printing, steel letters and figures to stamp on steel, brass, wood, etc., burning-brands in copper and iron, steel, stencil, and name-plate dies, type-wheels and post-office stamps, etc., etc. A heavy stock is constantly carried on hand to meet the demand, and special work is executed to order promptly, and in the most satisfactory manner. Mr. Brunner, though born in Germany, has resided in New York the greater portion of his life, having come here forty-two years ago.

R. OBERT SLIMMON, Importer of Earthenware, No. 12 College Place.—This is a comparatively new enterprise, but has already won a place among leading houses in the same line of trade. The business was established in 1885 at No. 54 Barclay Street, but was removed to its present location in 1886. The premises occupied consist of a floor 40x50 feet, finely fitted up, in which will be found a very large and comprehensive sample stock of imported earthenware, artistic pottery, and fancy goods. The goods are of extra quality, and extremely rich and graceful in design and decoration, and of marvellously fine finish. Among the richly decorated goods special sets of remarkable beauty will be found, the decoration showing the uses the articles are intended to serve. Tea, dinner, toilet and other sets, and fancy articles of elegance and great artistic beauty are displayed with much taste, and invite special attention. Mr. Slimmon, the proprietor, is a young man of energetic and persevering disposition. He is a native of Scotland, but came to America in 1880, since when he has been a resident of New York. Mr. Slimmon has had seven years' experience in the trade which now engages his attention, and commands the respect of all who have been brought into business relations with him.

S. CHAEFER & WEBER, Blank Book Manufacturers, Paper Rulers and Bookbinders, No. 142 Fulton Street.—Among the leading blank-book manufacturers, paper rulers and bookbinders doing business in the metropolis the firm of Messrs. Schaefer & Weber merit special mention. The firm is an old-established one, and ranks among the foremost in the trade for first-class work and reasonable prices. The members of the firm are Messrs. Louis F. Schaefer and John Weber, Jr. Mr. Schaefer is a native of New York, and Mr. Weber was born in Brooklyn, where both the copartners reside. They occupy for the purposes of their business the fourth floor of the building, which is 25x80 feet in dimensions. The bindery is finely fitted up, well lighted, and provided with all the latest and most approved appliances pertaining to bookbinding, paper-ruling, blank-book manufacturing, etc.; and they give constant employment to twenty skilled and experienced hands. Three ruling-machines are kept in constant operation. Law books, music, magazines, etc., are bound with neatness and dispatch; and blank books, which form the special feature of the business, are ruled and bound to order promptly and satisfactorily.

G. B. COLLINS, Designer and Engraver on Wood, No. 18 Ann Street.—Mr. G. B. Collins, designer and engraver on wood, ranks among the foremost in his line in New York. The work turned out by this gentleman is of a very superior order in every respect, alike in design, execution, and finish, while ample facilities are at hand for executing all orders in the most expeditious and excellent manner. Mr. Collins, who is a man of middle age and a native of this city, is a practical and skilful designer and engraver, with long and varied experience, and is a thorough master of the art in all its branches. He started in business for himself about sixteen years since, being located at the present commodious quarters some three years, and from the first he has enjoyed a highly gratifying patronage. The shop, which is on the fifth floor, is 25x30 feet in area, and completely equipped with all necessary appliances, tools, and general appurtenances, while three expert hands are employed. Wood engraving and designing in all their branches are done in the highest style of the art, including large poster and theatrical work, fine commercial engraving being a specialty, and altogether Mr. Collins has a large and flourishing trade.

P. I. BLAUVELT, Genl. Manager.

MERCANTILE PHOTOGRAPH AND PHOTO-ENGRAVING CO.

PHOTOGRAPHING of SAMPLES,
HOTO-VIEWING of BUILDINGS &c.
HOTO-ETCHING AND
HOTO-ENGRAVING.

PHOTO SAMPLES FOR TRAVELERS USE.
Colored or plain by our improved process.
Costs less and results are better
THAN THOSE HERETOFORE MADE - WITH NO DELAY.

FOR
CATALOGUE
AND OTHER
ILLUSTRATIVE PURPOSES

218 FULTON ST.
BET.
CHURCH & GREENWICH
NEW YORK.

MERCANTILE PHOTO-ENGRAVING COMPANY, No. 218 Fulton Street.—The Photographic art has attained a perfection during the last twenty years little dreamed of in the days of Daguerre, and the achievements of our leading artists at the present day are subjects of admiration and praise from an appreciative public. An establishment which occupies a niche in this branch of art in the metropolis peculiarly its own is that of the Mercantile Photograph and Engraving Company, located at Nos. 218 to 222 Fulton Street, corner of Greenwich. The manager of this institution is Mr. P. I. Blauvelt, who established himself here in January, 1887. This gentleman is a New Yorker by birth and education, and has enjoyed a practical experience of twenty-five years in the photographer's art. From 1861 to 1864 he was the photographer for the army of the Gulf, being appointed by Secretary of War Stanton, and serving in Generals Butler's and Banks' commands during the entire time. He has since the war continued in his profession, keeping steadily abreast of the times and the improvements of the age, and his name will in the future be inseparably identified with the progress of the photographic art in New York as one of its leading and most progressive exponents. His appliances for a first-class establishment are perfect. The largest manufacturers and merchants constitute his principal patrons. The specialties of this company are the photographing of samples, photographing of machinery and buildings, and photo-engravings for book and newspaper illustrations, some of which will be found in this work. The photographing of samples for travelers' use are colored, if necessary, by Mr. Blauvelt's improved process, costing less and resulting better than those heretofore made. The superior excellence obtained in the production of these specialties, their fidelity to every detail, and displaying as they do the true conception of the artists' mission, places Mr. Blauvelt in the front rank of his profession. He takes pictures by the instantaneous process if need be, of moving objects, etc. From twenty to thirty skilled assistants contribute to the successful operation of this establishment. The rates of charges of this company are at as low a figure as is consistent with first-class results. They guarantee perfect satisfaction to all those who may favor them with their patronage.

SORGAN & CO., Manufacturers of all kinds of Ready-wound Bobbins, No. 508 Pearl Street.—Although but a comparatively few years established, the pushing and prosperous firm of Sorgan & Co., manufacturers of ready-wound bobbins, have already achieved a wide and enduring reputation. These bobbins, which are wound by the patent bobbin winding machine (patented by Mr. Sorgan February 16, 1886), are in all respects the most complete, effective, economical, and altogether superior appliance of the kind to-day produced in this city or country probably, and of which no better criterion need be offered than the fast hold they have secured in public favor all over the United States. This thriving business was established in January, 1886. The shop, which is ample and compact, is supplied with steam power and completely equipped with the latest improved machinery and appurtenances, while several expert hands also are employed. Ready-wound bobbins of every size, style, and variety are manufactured, and the

trade of the firm, which extends all over the United States, is large and prosperous. Mr. O. Sorgan, who is sole proprietor, was born in Germany, and has been in this country about seven years.

SCHÄFFER & BUDENBERG, Buckau-Magdeburg, Engineers and Manufacturers of Pressure and Vacuum Gauges, etc., American Branch, No. 40 John Street.—L. Portong, Manager.—Prominent among the enterprising and representative European houses which, by permanently locating a branch in New York, have added so materially to the city's influence as a source of supply, is the reliable firm of Messrs. Schäffer & Budenberg of Buckau-Magdeburg, Germany, whose offices and salesrooms in the metropolis are centrally located at No. 40 John Street. This business was established in Germany in 1850, and in New York in 1860. The premises occupied in this city comprise a commodious four-story and basement building 25x70 feet in dimensions, fully supplied with every appliance and facility for the accommodation of the superior stock and the systematic and successful conduct of the industry. In the manufacturing department sixty experienced and skilled workmen are employed, and the trade of the house now extends throughout all sections of the United States and Canada, and is steadily increasing, owing to the superiority, utility, and reliability of its productions, which are general favorites with railroad and steamship companies wherever introduced. Messrs. Schäffer & Budenberg manufacture largely: pressure and vacuum gauges for all purposes, specialties in marine and test gauges, test pumps, marine and locomotive clocks, engine registers, and other counters, Richard's steam engine indicators, double indicators, reducers and planimeters, thalpotasimeters, expansion pyrometers for vacuum pans, stills, heating and diffusion apparatus, etc., eye glasses, proof sticks, and other appliances for vacuum pans, pyrometers for high temperature, mercury thermometers, injectors and ejectors, sole licensees for Davies' patent exhaust steam injectors patent reducing and regulating valves, low-water detectors for steam boilers, watchman's time detectors, gauge-glasses, tachometers, speed indicators, dynamometers, steam traps, etc., etc. The yearly production of the firm's steam and other gauges is now double what it was a few years ago, and the total production of these unrivaled articles has reached the enormous number of a million. This remarkable success is due solely to their faultless construction, good workmanship, and adaptability to the various requirements of the trade. Their manufacturing facilities have been correspondingly extended, and they are now prepared to fill all orders promptly at the lowest possible prices. The New York house is under the able and careful management of Mr. L. Portong. The remarkable success which has rewarded his efforts is a convincing proof of the wisdom shown in establishing this branch, and the judicious selection of the firm's representative. Messrs. Schäffer & Budenberg publish a very superior catalogue, which is forwarded promptly upon application. Its trade extends throughout all parts of the civilized world, and it has branch houses and depots at Manchester, England; London, England; Glasgow, Scotland; Paris, France; Lille, France; Lyons, France; Marseilles, France; Liege, Belgium; Vienna, Austria; Prague, Austria; Moscow, Kieff, and Warsaw, in Russia.

UNIVERSITY MARKET, M. Mannberger, Proprietor, No. 388 Sixth Avenue.—Few among the many excellent meat and vegetable markets that have sprung into prominence and prosperity in the locality, of recent years, have secured a firmer hold on public favor than the well-ordered and deservedly popular "University Market" of M. Mannberger, dealer in fresh and salt meats, poultry, game, fruits, and kindred articles, which is centrally situated at No. 388 Sixth Avenue, between Twenty-third and Twenty-fourth streets, and which is in all respects one of the neatest and best-kept stands of the kind in this section of the avenue, purchasers being always assured of getting a very superior article, satisfactory treatment, and courteous attention in this well-known and reliable establishment, while the patronage of the store is of a most substantial and influential character. This flourishing business was established in 1885 by the present proprietor, and from the inception of the enterprise has been conducted with uniform and gratifying success. The store, which is 25x50 feet in dimensions, is handsomely fitted up and admirably kept, and a large and first-class stock is constantly carried, including prime fresh beef, veal, mutton, lamb and pork, poultry and game of all kinds in their season, salt and smoked meats of every description, country sausages, lard, and choice fruits and vegetables, while two competent and polite assistants attend to the wants of customers. Mr. Mannberger, who is a native of France, and a resident of this country about fifteen years, is a gentleman of middle age, pleasant mannered, and strictly upright in his dealings, as well as a man of push and business qualities, and fully merits the large measure of popular favor and patronage he receives.

UNIVERSITY MARKET, Edward F. Smith, Proprietor, No. 388 Sixth Avenue.—A reliable and highly popular source of supply of fish and oysters in this section is to be found in the University Market, located at No. 388 Sixth Avenue, between Twenty-third and Twenty-fourth streets. This excellently conducted business house was first opened in 1883 by its present proprietor, Mr. Edward F. Smith, a gentleman possessed of decided ability, push, and enterprise, and these qualifications have been fully exemplified in the great success which he has won, and the first-class trade which has been built up through his honorable efforts to cater satisfactorily to the public demand. The finely equipped store occupied has an area of 25x40 feet, is fitted up in the most approved style with every convenience and appliance, has marble counters and appropriate fixtures, and is always kept in clean, neat, and attractive condition. Mr. Smith deals in every variety of fresh and salt fish, also all the leading brands of oysters, including choice pickled oysters, as well as live Chesapeake terrapin and green turtle, also stewed terrapin and green turtle soup by the quart or pint. He obtains his supplies from the leading sources of production, and is in a position to guarantee all goods sold by him to be exactly as represented. He employs two competent clerks, sells his goods at the lowest market prices, and enjoys a steady, active trade, derived from the best classes of customers. Orders are promptly filled and delivered to any part of the city free of charge. Mr. Smith is a native of this city, is highly regarded in mercantile circles, and under his able management his widely known and progressive establishment remains permanently prosperous and successful.

J. W. JARBOE & SON, Sheet Iron Works, and Manufacturers of J. W. Jarboe's Celebrated Eureka Paints, Nos. 519 to 523 East Nineteenth Street.—A successful and reliable house in New York, engaged in the manufacture of iron tanks, evaporators, etc., is that of Messrs. J. W. Jarboe & Son, whose sheet-iron works are centrally located at Nos. 519 to 523 East Nineteenth Street. This business was established in 1855 by J. W. Jarboe, who conducted it till 1875, when he admitted his son, Mr. George Jarboe, into partnership. The works are commodious, and are fully supplied with all modern appliances, machinery, tools, etc., necessary for the successful prosecution of the business. Twenty-five mechanics, operatives, etc., are employed, and the machinery is driven by steam-power. Messrs. J. W. Jarboe & Son manufacture to order or otherwise sugar-cooling iron wagons, clarifiers, evaporators, iron tanks, smoke stacks, etc. They supply plantations with machinery, and make a specialty of J. W. Jarboe's celebrated acid-proof and Eureka paints, which were invented by that gentleman in 1861, there being nothing in the market at that time that met the wants of the trade in a paint that would resist rust, acids, etc. In 1861 he invented J. W. Jarboe's acid-proof and other paints for the use of sugar plantations, sugar refineries, oil refineries, breweries, etc.—the only article that can be

used to withstand the severe wear and tear on the inside of liquor tanks, clarifiers, defecators, vacuum pans, centrifugal machines, and sugar wagons for sugar and other purposes. These paints have been used with great success for the last twenty years, and all vessels coated inside with J. W. Jarboe's Diamond Enamel are a great saving to their owners. Centrifugal machines coated over the steel baskets with this paint are preserved from being eaten out by the sugar acid, and thereby from bursting with deadly injury to those who use them. In addition to the production of the above-named specialties, the firm manufacture J. W. Jarboe's celebrated Eureka paints. One coat of this applied to roofs, either tin, iron, or wood, will last ten years. These paints make leaky roofs permanently tight, and for preserving tin, iron, and wood are absolutely unequalled. One gallon of the Eureka paint covers 400 square feet, hardens the wood and checks further decay by coating over the decaying part, and is the only paint that can be used with a satisfactory result. Messrs. J. W. Jarboe & Son apply it themselves to roofs, or sell it by the gallon. The trade of J. W. Jarboe & Son extends throughout all sections of the United States. Both Messrs. J. W. and George Jarboe are natives of New York.

WM. H. JACOBUS, Manufacturers' Agent, No. 90 Chambers Street.—Wm. H. Jacobus two years ago started business on his own account at No. 90 Chambers Street, and brought to bear upon his venture an experience in the same line extending over a period of ten years, and his thorough knowledge of the wants of the trade and his business ability resulted, in their exercise, in the building up of a business connection of a very substantial character. Mr. Jacobus is the representative of the following widely-known and popular manufacturing concerns: the Ireland Mfg. Co., Lorenz Bommer, Tuck Mfg. Co., Thurston Mfg. Co., Perkins & Bradley Mfg. Co., J. F. Wollensak, American Skate Co., Penn Lock Works, F. O. North & Co., Dibble Mfg. Co., Palmer's Common sense Pulleys, Zimmerman's Blind Adjusters, Arrow Brand Augers and Bits, Boston Steel Nails 3D Fine, Burnside Cedar Faucets, J. W. Broughton, etc. Mr. Jacobus has a finely-appointed salesroom on the first floor of the building at the address already indicated, and here he carries a sample and general stock of the various products of the manufacturing concerns just enumerated. His facilities for filling orders promptly and at the lowest manufacturers' prices are of the most ample and complete character. His trade reaches from one end of the country to the other. Mr. Jacobus is a native and resident of the metropolis.

ARTHUR F. EAGAR, China, Glassware, etc., No. 765 Eighth Avenue.—The prosperous enterprise conducted by Mr. Arthur F. Eagar, dealer in house-furnishing goods of every description, was originally established thirty-six years ago by Mr. John Ryan, who was succeeded by his sons, and they in turn by the present proprietor in 1885. From six to eight courteous assistants are constantly employed, and the wants of the customers are promptly and satisfactorily fulfilled. The stock is very large and comprises a multifarious assortment of imported and domestic manufactured china, glassware, lamps, cutlery, plated ware, fancy goods, brushes, and general house-furnishing goods of all kinds, which have been carefully selected and are offered for sale at prices which compare most favorably with those of rival houses. Mr. Eagar is an enterprising young man, who gives his close attention to the details and requirements of the business engaged in, and endeavors by all worthy means to supply his patrons with the most satisfactory goods, at reasonable prices. He is a native of Ireland, from which country he removed and settled in the United States fifteen years ago, and since has made a pronounced success of his undertaking.

L. W. GOERCK, Jr., Art Stationer, No. 1675 Broadway.—Mr. Goerck, who is a native of this city, and a young, enterprising business man, began operations two years ago in his present eligibly located quarters. Here he occupies a tastefully furnished store, 18x35 feet in dimensions, well arranged for all the purposes of the business, and filled with a superior assortment of stationery of every description, a leading specialty being made of art stationery, in which a superb display is made. These excellent goods are offered at the most moderate prices. Mr. Goerck has a modern improved jobbing press, and is always prepared to print cards, letter-heads, invitations, etc., in the finest and most artistic style, while his charges are made consistently reasonable.

J. MARZOLF & CO., Wholesale and Retail Dealers in Tripe, Tongues, Pork, and Beef Tenderloins, Lamb Fries, Roasting Pigs, etc., Nos. 221 and 231 Washington Market.—During a long and active business career, Mr. J. Marzolf has won a measure of popularity, confidence, and respect among those to whom he is known, and second to no other in his line of business. He was born in Germany, and left the fatherland for the United States thirty-five years ago, and took up his residence in the metropolis. Over thirty years ago he started business on the spot he now occupies, stalls Nos. 221 and 231 Washington Market, and here he quickly built up a trade of considerable volume. This has been increasing year by year, and the facilities have been enlarged accordingly, so that in his line Mr. Marzolf is to-day a leading dealer in the market. His stalls are always neat and orderly, and well stocked with tripe, tongues, pork and beef tenderloins, sweet breads, calves' haslets, calves' heads, ox tails, beef palates, beef tongues, beef kidneys, lamb fries, roasting pigs, etc., a specialty being made of tripe, lambs' tongues, and pigs' feet pickled to order. The business is wholesale and retail in its character, and calls for the constant employment of five assistants. Family orders are given immediate attention, and hotels, restaurants, and ships are

tendence, no pains being spared to render the fullest satisfaction in every instance to patrons. Mr. Kaufman, who is a native of the city, is a young man of push, experience, and skill in his art.

G EIZLER BROTHERS, Dealers in Boots and Shoes, No. 181 Greenwich Street.—A well known and popular house is that of Messrs. Geizler Brothers. The individual members of this firm are David and Samuel Geizler, both young men, who were born in Poland, but have been residents of New York City since 1870. They founded this business originally in 1875 at No. 191 Greenwich Street, where they remained for ten years but as their business had increased to such large proportions they were obliged to seek more roomy quarters which they did in 1885 by removing to their present address. They occupy a very spacious and commodious store having a frontage of twenty-five feet with a depth of four times that distance. It is very neatly furnished and equipped with every facility for the display of goods and the comfort of customers. The stock is full and complete, and embraces a select assortment of fine and medium grades of boots, shoes, and gaiters for gentlemen, youths and boys, and in the line of articles for ladies, misses, and children everything that is now fashionable and stylish from the strong walking boot and



House of Refuge, Randall's Island.

supplied at short notice and on fair and equitable terms. Mr. Marzolf is prompt, decisive, liberal, and honorable in all his business transactions, and those forming commercial relations with him will find their interests carefully and strictly guarded.

A. KAUFMAN, Watches, Diamonds and Jewelry, No. 742 Sixth Avenue.—Among the thriving and popular jewelry stores that attract attention on upper Sixth Avenue may be mentioned the neat and well kept establishment conducted by A. Kaufman and where may always be found a full and fine assortment of watches, diamonds, jewelry, and everything in this line at the lowest prices consistent with first-class value and reliable dealing. This store was established about ten years ago by the present proprietor, and from the inception of the business Mr. Kaufman has steadily pushed his way to public favor and confidence well deserved. The store, which is compact and ample, is nicely appointed and tastefully arranged, and a large and first-class stock is carried embracing fine gold and silver watches of the best makes, elegant diamonds and beautiful jewelry of all kinds; also solid silver and plated ware, clocks in unique and artistic designs, art novelties, opera glasses, spectacles, eye-glasses, and optical goods of every description. Repairing of all kinds likewise is attended to in the most prompt and superior manner, while an efficient and courteous assistant is in at-

school shoe to the most delicately constructed slipper, and prices are exceedingly low. They also keep a splendid line of rubber goods suitable for both sexes, ages, and sizes.

R. S ROBERTSON, Tea Merchant and Importer of Japanese Goods, No. 844 Sixth Avenue.—The establishment of a fine-class tea store in this section of the city was much needed, and although only occupying his office a little over a year this gentleman has made a trade for himself that is very flattering, selling only the very finest quality of teas that are imported; and being an expert judge, he tests every lot of teas that he handles before offering them to the public, rejecting those that are not properly cured, or have become damaged in any way. He thus supplies nothing but the best and has already obtained the confidence of every one of his already numerous patrons. His business is both wholesale and retail, and in both lines he is winning his way to public favor by selling a good article at a moderate price. He also handles a fine line of Japanese goods of his own importation, and having connections with business houses in Yokohama he is enabled to sell these goods at very reasonable prices. Mr. Robertson was born in Scotland, and has been in this country six years. He is smart and shrewd, pushing his way rapidly to the front. His reputation for integrity among the merchants with whom he does business is first-class.

LOUIS GOGLER, Photographer, Portrait Painter, and Crayon Artist, Dealer in Artists' Materials, and Manufacturer of Picture Frames, Cornices, Pier Glasses, and Mantle Mirrors, Nos. 350 and 352 Bowery.—This enterprising and popular establishment was founded fifteen years ago, by Louis Gogler, a native of Germany, but for the last twenty-one years a resident of New York. Mr. Gogler's establishment is a very extensive and comprehensive one, in which a great variety of wants may be most satisfactorily allayed, including, as it does, photographing, portraits in oil and crayons, artists' and gilders' materials, picture frames, cornices, pier glasses, mantel mirrors, etc. The premises occupied comprise an entire building of three floors, together with the upper part of the adjoining house. The main building is 60x100, and the whole establishment is fitted up in first-class style, with every convenience for the comfort of patrons and all of the newest appliances for the dispatch of business. In the portrait department the appointments are handsome and attractive. The work done in this department is of a high order of merit. Sitters are posed by Mr. Gogler, who is an artist of marked ability, and most careful attention is given to every detail which is likely to enhance the beauty and faithfulness of the portrait. More praise still can be given the oil and crayon work done by Mr. Gogler, for in these the artistic genius of the gentleman shows itself. Mr. Gogler's merit as an artist can be verified by hundreds of patrons, whose houses are adorned by the products of his skill and genius. In the manufacturing department of this busy house, most elegant work is turned out. The beauty of design, fine finish, excellent workmanship, and durability of everything manipulated are matters of just pride to the proprietor, who adds to his other qualities those of a first-class artisan governed by rigid rules of excellence. The stock carried by this house, which includes artists' and gilders' material of the best quality, is very heavy, and the business extends over a wide area of country and is both wholesale and retail in character. Mr. Gogler has had twenty-one years' experience. His establishment is the largest of its kind on the Bowery, and he is a recognized authority in matters relating to the various matters which compose his business. His unflinching courtesy, and his many able qualities have secured him a host of friends both in and out of the city.

L. L. GOODRICH, Plumber and Gas-fitter, No. 35 Jane Street, corner Eighth Avenue.—Among those plumbers and gas-fitters in the city who give special attention to all the details connected therewith, and are familiar with sanitary science and ventilation, there are none more prominent than Mr. L. L. Goodrich, who has had nearly a quarter of a century's experience in the business, and since 1864 has occupied the premises at No. 35 Jane Street, corner Eighth Avenue. The store and workshop have dimensions of 20x70 feet, and contain every facility for doing all kinds of work belonging to the trade of the plumber and gas-fitter, and also a general assortment of supplies and materials, chandeliers, brackets, etc. Mr. Goodrich introduces water and gas into buildings and dwellings, and also sets bath-tubs and sinks, makes sewer connections, arranges drainage and ventilation, and attends to repairing and general jobbing, and when desired furnishes estimates and makes contracts, and guarantees to do all work in the best, most substantial, and scientific manner. Mr. Goodrich, who was born in Delaware County, N. Y., fifty-two years ago, has been a resident of this city many years.

COULSON SHEPHERD, Steam Book and Job Printer, No. 6 Reade Street.—A live, old established and successful enterprise in this city is that of Mr. Coulson Shepherd, situated at No. 6 Reade Street. The enterprise was founded in 1865 by the present proprietor, who has had forty-seven years' experience in the "art preservative of all arts." An entire floor is occupied, its area, 20x70 feet, affording ample room for the purposes of the institution. The place is equipped in the most thorough manner with its own power, one large cylinder and four job presses, paper-cutter, plain and fancy type of every variety, etc. A staff of skilled compositors and pressmen are employed, and a general line of book and job printing is carried on. Every variety of book and job printing is executed at the shortest notice and in the highest degree of artistic and mechanical excellence. Every facility is at hand for the production of superior work, and none but the most perfect productions of the printer's art are allowed to leave the establishment. Mr. Shepherd is one of the most experienced typographers in the city. He is

a native of England, and sixty-two years of age. He has resided in America since 1848, and has won the entire confidence of the public, who know just where to get artistic printing done at reasonable rates, with liberal and honorable treatment.

W THON, Apothecary and Chemist, No. 186 Varick Street corner Broome.—The business of this house was established forty-five years ago, and after several changes in 1885 passed to the management of its present proprietor, Mr. W. Thon. The premises occupied are spacious and commodious, thoroughly finished and fitted up, where is carried at all times a well-selected and comprehensive assortment of pure, fresh drugs, chemicals of all kinds, toilet and fancy articles in great variety, all the proprietary remedies of standard reputation, tinctures, flavoring extracts, mineral waters, surgical appliances, druggists' sundries, and physicians' supplies. Mr. Thon is a registered druggist of upward of twenty years practical experience. His business is large, is drawn from the best classes, and he is assisted in attending to the wants of his numerous patrons by a courteous and thoroughly efficient drug clerk. German as well as English is spoken here, and prescriptions are filled at any hour of the night or day, promptly, accurately, and at low charges. Mr. Thon is a native of Germany, and came to this city in 1870, and is a thoroughly skilled, scientific, and practical druggist and chemist.

GEOURGE STARRETT, Stoves, Ranges, Furnaces, Hollow Ware, etc., Nos. 227-231 Water Street.—No branch of the commercial and industrial activity of the metropolis is more important than that of the trade in stoves and hollow-ware, and both as regards resources and enterprise our leading houses are celebrated through the length and breadth of the land. Prominent among the number, and one of the most reliable and progressive is that of Mr. George Starrett, whose office and salesrooms are situated at Nos. 227-231 Water Street. Mr. Starrett, who was born in Maine, commenced business at Augusta in that State in 1844. In 1853 he removed to Richmond, Va., in 1863 to Providence, R. I., and eventually, in 1867, he established himself in New York at his present location on Water Street. In 1885 in consequence of a rapidly-increasing business he purchased the adjoining buildings, and added them to his store. His warehouse now is very spacious and commodious, and comprises three five and six-story buildings, about 70x100 feet in dimensions, fully supplied with every convenience and facility for the accommodation and display of the extensive and valuable stock which has no superior in this city or elsewhere. Mr. Starrett deals largely in stoves, ranges, furnaces, hollow-ware, also agate and granite-ware, mica, sinks, elbows, dampers, and stove dealers' supplies generally. Mr. Starrett employs in his store about 40 clerks, assistants, operators, etc., and his trade now extends throughout all sections of the country, and is steadily increasing. Mr. Starrett is one of the leading merchants in the stove and hollow-ware trade of the city.

M. L. LEMAN, Lead Pencils, Steel Pens, Penholders, etc., No. 116 William Street.—This is the oldest house in its line in the State, and has long been a leading source of supply for dealers and consumers throughout the country. It was originally established in 1830, by Mr. M. L. Leman, who was succeeded by his sons, Messrs. G. W. and Edwin Leman, in 1863. The business premises occupied are spacious and commodious, and unsurpassed facilities are possessed for conducting the business under the most favorable conditions, and upon the largest scale. The extended connection enjoyed by the firm in this country and Europe, enabling them, as it does, to secure the very best foreign and domestic goods in this line, renders their house a very desirable purchasing centre, while the careful attention paid to the selection of the goods, combined with the low figures at which they are sold, is another inducement to the trade and general buyers. The firm carry a very large and complete stock ready for immediate shipment to dealers in any part of the country, and are in a position to guarantee the prompt and satisfactory fulfillment of all orders and the granting of every advantage known to the trade to every customer. The name of the house is a sufficient guarantee of its responsibility and the reliability of all transactions. The Messrs. Leman are natives of this city, and are known as keen, energetic, and successful business men.

R. WALLACE & SONS MANUFACTURING COMPANY, Manufacturers of Solid Silver Table Ware, No. 21 Park Place.—One of the most prominent among the representative houses of the kind is that of the R. Wallace & Sons Manufacturing Company, of Wallingford, Conn., whose headquarters in this city are at No. 21 Park Place. This company has been in existence for over fifty-five years, and its productions have become noted throughout all sections of the globe. At the extensive works at Wallingford employment is furnished upward of four hundred hands, and the range of manufacture embraces the production of solid silver and plated silver table ware of every description, a leading specialty being made of knives, forks, spoons, carving sets, match-boxes, bon-bon boxes, etc. They are just putting in the market a very complete line of sterling silver flat ware and embossed hollow-handle carving sets in new and attractive designs. Their line of specialties in button-hooks and pocket fruit-knives is very complete, embracing over sixty styles, all of which are put up in attractive satin-lined boxes. The goods are too popularly known to require extended praise at our hands, but suffice it to say they are unsurpassed for beauty of design, excellence of material, durability, and general superiority. The salesroom in this city is admirably fitted up, and contains an extensive assortment of the fine goods made by the Messrs. Wallace. The branch, which was opened in 1882, is in charge of Mr. S. W. Sisson, who has long been connected with the company, and is thoroughly acquainted with every branch of the trade.

E. E. PECK & CO., Manufacturers of Parlor Furniture, Nos. 207 and 209 Canal Street.—This firm are extensive manufacturers of, and wholesale dealers in, parlor furniture, and make a leading specialty of patent foot-rests, reclining chairs, students' and odd easy chairs and rockers. The business was established in the city of Boston in 1875, and was removed to New York in 1885. Here they occupy a fine five-story building, 25x80 feet in dimensions, which is divided into manufacturing, cabinet-making, upholstering, and sales departments, and in which employment is provided for some fifty to seventy-five skilled hands. In the splendid salesrooms of the firm is displayed a magnificent stock of fine furniture, whose originality and variety of design, coupled with their richness of materials and excellence of workmanship, entitles each separate piece to be called a work of art. The assortments embrace everything desired in fine goods for the parlor, dining-room, chamber, hall, library, and office, besides innumerable special pieces in the rarest and most costly materials of wood, silk, brocades, velures, and plushes. The commonest materials, when handled by this house, assume unique and pleasing shapes—styles in unity with the modern, the *renaissance*, and the antique. Much of the ware is indeed matchless for costly elegance and tasteful composition, and the diversity and variety of goods shown is such as to meet the wants and requirements of all classes of dealers. The resources and facilities of the firm enable them to grant every advantage to customers that is known to the trade, and to conduct all transactions upon the most satisfactory basis. Mr. Peck, the active member of the firm, is a native of Massachusetts, with an experience of twenty years in the furniture trade.

WILSON BROTHERS COMPANY, Manufacturers of and Dealers in Base Balls, Toy Whips, etc., No. 119 Chambers Street.—The business of this representative concern was originally founded in 1865 by C. A. Wilson & Bro., the firm subsequently becoming D. W. Wilson & Bro., and through the ample capital and sound experience, coupled with push and wide-awake enterprise brought to bear in the management, a large and influential trade has been developed to enormous proportions, the firm creating and building up a very extensive wholesale demand, reaching not only throughout the United States, but acquiring a valuable export trade with Canada, South America, and other countries. The premises occupied consist of a building having seven commodious floors, each 25x80 feet in dimensions, and equipped in the most approved and complete manner with every modern facility for the expedition of business operations, while employment is afforded a force of competent hands in the various departments. A mammoth stock is carried, the assortments embracing base balls, toy whips, children's carriages, velocipedes, bicycles, wagons, doll carriages, dolls, croquet, lawn tennis, and games and home amusements in vast variety. The firm represent several large factories, receive their goods direct from the

most reliable sources of manufacture, and can sell to the trade on the most advantageous terms. The members of the company, which was incorporated in 1880, are: President, David W. Wilson; Secretary, Isaac C. Wilson. These gentlemen are natives of New York.

ASA A. ASHBEY, Fish and Fish Bait, Sign of Humpty Dumpty, No. 329 Washington Fish Market.—It is hardly necessary, in commenting on the fishery industry of the metropolis, to remark that important as the trade has been in the past it is of greater importance at the present than ever before, and engages the labors of an army of workers, and the employment of an immense capital. A house that has long been identified with the industry and which is a recognized leader in its line is that of Ashbey's Fish Emporium, which is comprised in Nos. 329 and 330 Washington Market, a sign of "Humpty Dumpty" marking the location. The proprietor of this creditable enterprise, Mr. Asa A. Ashbey, is a native of Connecticut, but has resided in New York for the past forty-three years, during the entire time of which he has been actively interested in the fish trade, and has gained a thorough knowledge of its every phase. He founded his present business in 1858, and has long since acquired an extensive, influential patronage of the most permanent and desirable character, while he has ever maintained a superior reputation for the highly equitable and liberal methods which have signalized his transactions. The quarters occupied are tastefully appointed, and are provided with every convenience and appliance for the handling of stock and for supplying the wants of customers. Mr. Ashbey employs a staff of competent assistants, and carries on a general business as a wholesale and retail dealer in all kinds of fish and fish bait, also of pure, unadulterated medicinal cod-liver oil of the finest quality. A large stock is constantly kept on hand, and orders are satisfactorily filled at the shortest notice, at the lowest market rates, and in the most acceptable manner.

WM. N. JENNINGS, Stationer and Printer, No. 103 Walker Street.—This gentleman, who is a native of Georgia, has resided in New York for the past twenty-seven years, and has become most favorably acquainted among the business and social circles of the city. In 1872 he founded his present establishment, meeting with deserved success from the outset, and has developed an influential patronage, having its tributary area throughout New York and the adjoining States. The extensive premises occupied consist of a building having four floors, and every facility is possessed for the prosecution of the trade, including modern improved printing presses, operated by steam power, cutting-machines, complete assortments of type, etc., and the operations of the establishment demand the employment of forty expert hands in the several departments. Mr. Jennings is thoroughly skilled in every branch of his calling, personally directs his assistants, and is a general manufacturer of stationery, blank-books, etc., while he is amply prepared to execute ball, book, and job printing of all kinds in the most artistic and expeditious manner, while his prices are the very lowest consistent with fair and equitable dealing.

JOB THROCKMORTON, Merchant Tailor, No. 112 Fulton Street.—The history of prominent representatives of the tailor's art in the metropolis must in justice make special mention of the old established and popular house of Mr. Job Throckmorton. The business was originally founded in 1852 under the style of Teets & Throckmorton, and this partnership subsisted until its dissolution in 1885 by the death of Mr. Teets. Since then the surviving partner, Mr. Job Throckmorton, has continued the business alone. The premises occupied for the business comprise a finely fitted-up store, 25x100 feet in dimensions. Mr. Throckmorton exhibits one of the finest stocks of cloths and trimmings to be found in the city. The very best sources of American and European productions have contributed to its wealth, and it is thoroughly complete in material, design, and novelty. The proprietor devotes his attention to fine custom work, and the garments produced by him are simply perfection in style, fit, and artistic workmanship. Among his permanent customers are many of our best-dressed citizens. The business is large and employment is furnished to a considerable number of hands. Popular prices prevail. Mr. Throckmorton is a native of New Jersey, and for the past forty-five years has resided in New York and Brooklyn. He is a gentleman of first-class business ability and enterprise, and very popular.

T. VAN AMRINGE, Importer and Manufacturer of Emery and Pumice-stone, No. 306 Pearl Street.—This prominent and widely-known house is devoted to a most useful department of industry, and is one of the oldest concerns of the kind in New York State. The establishment was founded in 1850 by the present proprietor, Mr. T. Van Amringe, and his management being characterized by foresight, push, and ability. The premises occupied for the purposes of the business are comprised in a four-story building, having dimensions of 25x100 feet. Every convenience is possessed for the expeditious handling of business, and the prompt meeting of all orders. In these excellently-equipped quarters Mr. Van Amringe carries on active operations as an importer and manufacturer of emery and pumice-stone, and carries a very heavy stock of selected lump pumice-stone, ground and boited pumice-stone, lump and ground rotten-stone, brick pumice stone, and Turkey emery in all grades and of the most reliable quality. A wholesale demand is supplied, and the trade of the house, which is of the most influential and extensive character, extends to all sections of the United States. Prices and all further information are given on application, and orders are promptly filled on the most favorable terms. Mr. Van Amringe is a native of New York State, and resides at Rye, Westchester County. He is a public-spirited citizen, commands a high business and social standing, and is reliable and responsible in all his transactions, in which he always follows the highest principles of commercial integrity.

D. R. ARTHUR O'SHEA, Veterinary Surgeon, No. 114 West Forty-sixth Street.—One among the best known of the popular and reliable veterinary surgeons in the city is Dr. Arthur O'Shea, successor to Thomas O'Shea, his father, who had been engaged in the profession upward of thirty years, and with whom he had been associated and under whose careful tuition he became familiar with all the details connected with the treatment of animals. Dr. O'Shea was also graduated from the Columbian Veterinary College, in this city, and is thoroughly well-grounded in the practice and theory of the profession of the Veterinary Surgeon, and during the eight years he has been treating horses has been very successful and won an enviable reputation for science and skill. He is familiar with the ailments and diseases of horses, and knows when and how to apply the proper remedies, and has made himself popular among the owners of valuable horses, by whom his services are highly appreciated, and commend him in the highest terms as an experienced, reliable, and successful veterinary surgeon. Dr. O'Shea furnishes all the necessary medicines, and is always prompt in his attention to all calls. Besides his office at No. 114 West Forty-sixth Street, the Doctor also has branches at the Dakota Stables, Seventy-fifth Street and the Western Boulevard, and at Newport R. I. The Doctor's services are always in demand by our leading citizens, by whom he is endorsed and highly recommended.

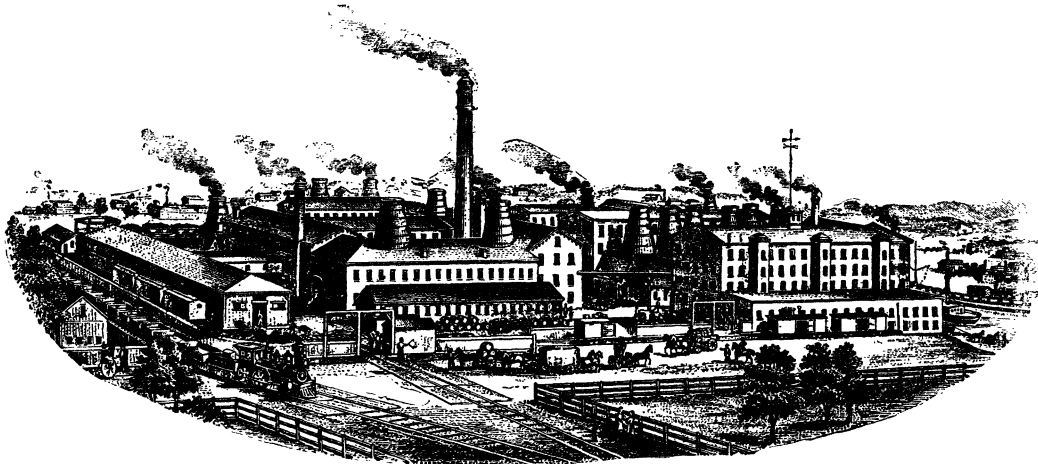
D. CROUTER, Painter, No. 1621 Broadway.—The business of the painter and paper-hanger is an important one, and is well represented by Mr. D. Crouter, who is an artist in this line of acknowledged skill and ability, and as a consequence his services are always in demand. His ideas and designs are original and the able manner he blends colors and tints so as to produce beautiful effects, stamps him as one of the most capable and efficient master workmen in interior embellishment and decoration in the city. Mr. Crouter furnishes estimates for all kinds of house, sign, and decorative painting, and plain and ornamental paper-hanging, kalsomining, etc., and keeps in his employ from ten to fifteen skilled workmen, who execute the work under his immediate direction and supervision. Mr. Crouter has decorated and painted the residences of Major General Freye, Colonel Joseph H. Porter, attorney; Rev. G. F. de Sola Mendes, No. 214 West Forty-eighth Street; Mr. A. P. Smith, real-estate broker, No. 1475 Broadway; Mrs. Judge Flanders, Richmond Hill, L. I.; Mr. Adolph Meyer, wholesale and retail grocer; Mr. E. R. Powers, formerly proprietor of the Grand Central Hotel; Ex-Governor Morgan, No. 2 West Sixty-second Street; Mr. Easthard, member of the Stock Exchange; Paul P. Todd, counsellor-at-law; Mr. Noye, Manager of the Southern Steamship Co.; Antonia Rasines, Vice-President of the Twelfth Ward Bank, and many residences in Poughkeepsie. Also the Albany Flats and Hamilton Hall, Forty-second Street and Fifth Avenue, and the following buildings: Messrs. Roberts & Richt, glass merchants, Spring Street and South Fifth Avenue; Craghead & Co., importers of bronzes, No. 88 Park Place. The premises occupied, consisting of a well-appointed store and workshop, have di-

mensions of 15x40 feet, and every facility and convenience is at hand for doing all work entrusted to Mr. Crouter, who fully guarantees to give the best satisfaction. He possesses fine attainments as an artist in his line of business and is highly recommended and endorsed by all who have employed his services, and stands foremost among the most prominent and popular in the metropolis. He was born and brought up in the city and sustains an excellent status in the community.

W. M. SPERB, JR., New Central Market, No. 624 Sixth Avenue.—Among the able, substantial, upright business men who are specially engaged supplying the citizens with the substantial and delicacies for the table there are none more popular than Mr. Wm. Sperb, Jr., whose place of business, the new central market, is at No. 624 Sixth Avenue. The premises, having an area of 21x100 feet, are handsomely fitted up with marble-slab counters and oak fixtures and kept scrupulously neat and clean. He is well supplied with the finest and best fresh, salt, and smoked meats, all kinds of game when in season, poultry, fish and oysters, luscious fruits and fresh vegetables, and also staple and fancy groceries, condiments, hermetically-sealed goods in tin and glass, table delicacies, etc. Orders are filled without delay, and six clerks and assistants are employed making deliveries. The new central market is the finest establishment of the kind up-town, and under the able management of Mr. Sperb, the proprietor, has become one of the most popular and is liberally patronized by the best class of custom. Mr. Sperb, who is a native New Yorker, is a live, wide-awake business man, and has had many years' experience catering to the wants of the public as a purveyor of meats, fish, fruits, groceries, etc., and can always be relied on as being honorable and upright in all his dealings. The establishment he is now so ably conducting has been a market since 1849, and came under the control of Mr. Sperb in 1872. Since that time he has made many improvements and not only enlarged the facilities and refitted it but has increased the custom and made it the most popular market in the section of the city in which it is located.

L. LEONARD & BYRNES, Fine Tailoring, No. 230 Bowery.—Mr. W. H. Leonard and Mr. Jere J. Byrnes are gentlemen of energy and perseverance and thoroughly reliable business men, and as tailors occupy a leading position among the best in the city. They are practical and skilled in the art of designing and fashioning gentlemen's wearing apparel, and can always guarantee the best satisfaction to their patrons and the public as regards quality of goods, workmanship, style, and price. The attractively fitted up store, situated at No. 230 Bowery, is provided with every convenience for the accommodation of patrons, and a large, valuable assortment of imported and domestic woolen suitings, trowserings, overcoatings, and fancy vestings, tweeds, etc., from which selections can be made, is always to be found upon the counters. The firm give personal attention to the making, trimming, and finishing of clothing ordered at the establishment, and omit nothing, not even to most trifling details, and are correct and perfect as cutters and allow no garments to go out from the store without undergoing the closest scrutiny and inspection. Mr. Leonard and Mr. Byrnes are both native New Yorkers and have been associated as copartners since February, 1887, and possessing rare abilities, and being courteous, polite, and attentive, have met with an unbounded success. They are both popular in the community and enjoy the confidence and esteem of a substantial, desirable custom.

P. PEEL & METZ, Wood Carpet, Parquet and Inlaid Floors, No. 104 West Forty-second Street.—At present much attention is given to the interior decoration of buildings, dwellings, stores, and offices, in which parquetry forms a conspicuous feature in wainscoting and flooring; and the manufacture of this beautiful inlaid woodwork is carried on quite extensively, a notable house engaged in it being that of Peel & Metz. They have recently introduced many rich, elegant, unique designs in beautiful combinations of different kinds of woods, which may be seen on exhibition at their office at No. 104 West Forty-second Street. They manufacture all kinds of wood carpet, parquet and inlaid floors, and ornamental woodwork, and supply a widespread demand throughout the country. Mr. Peel has had a long experience in this special business, and is meeting with marked success in introducing this beautiful parquetry work, which is highly prized by the citizens and the trade generally. It meets with a ready sale, and is furnished by the firm in any quantity desired, and in many styles and designs, at satisfactory prices.

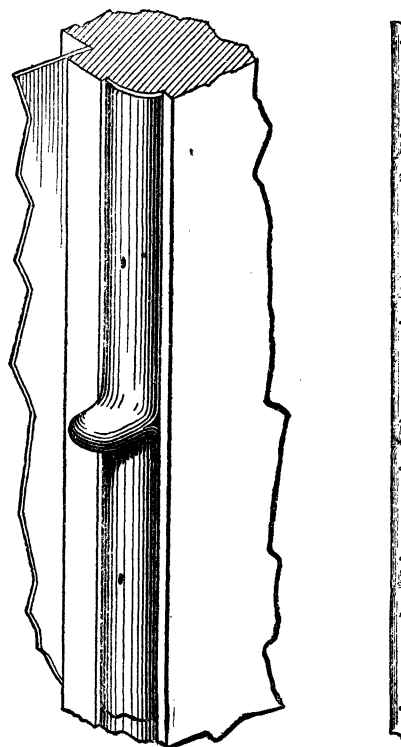


THE WILLETS MANUFACTURING CO., Manufacturers of Thin Opaque Porcelain, Hotel Opaque Porcelain, White Granite, Decorated and Printed Ware. New York office, No. 50 Barclay Street. Excelsior Pottery Works, Trenton, N. J.—The magnitude of the pottery interest of Trenton is most forcibly indicated by the many large establishments engaged in that great industry. Pre-eminently prominent among the number is the now widely-known excelsior pottery works conducted by the Willets Manufacturing Co. The works were established in 1853, and carried on until 1879, when they were purchased by the Willets Manufacturing Co., which was incorporated the same year, with the following gentlemen as officers: Joseph Willets, President; Daniel Willets, Secretary; and Edmund R. Willets, Treasurer. Their establishment, the largest in Trenton, gives employment to a force of about five hundred skilled artisans. Their pottery and granite and opaque porcelain wares are most favorably known and justly celebrated throughout the trade of the entire country, comparing favorably with the finest imported goods. Their thin opaque porcelain goods are given the preference by the most prominent and critical dealers, while their special lines for hotel use in quality, finish, and adaptability cannot be excelled. In decorated wares their designs are both unique and original, combining grace and symmetry with a blending of shades rarely equalled and never surpassed. Their underglaze printed wares are produced in the latest and best style of the potter's art, so that in their entirety their entire line is not surpassed by any in the country, while their list of prices are uniformly low, quality and finish considered. Their trade is exclusively wholesale, and principally with the largest handlers of their wares, while a marked annual increase in productions and sales is the result of the wise and progressive management which has placed the house in the front rank, and which enviable position it is their intent and purpose to hold as well as merit. The company enjoys a well-deserved reputation for strictly honorable commercial dealings, and thorough business methods, resulting in far-reaching and specially desirable connections. The New York office and salesroom are at No. 50 Barclay Street. Their artistic porcelain decorations are by the most competent artists from the Royal Worcester Works. They also have a specially superior line of goods in various fragile ware; also a complete line of superior sanitary earthenware.

ARTHUR HINDS, School and College Text-books, Cooper Union, Fourth Avenue.—The processes of education are eternal; for what is education but the development of man's powers? It follows, then, that right methods, processes, and influences are of the highest importance. Good teaching adapts methods to needs. The observant and careful instructor weighs well all influences which are destined to leave life-long impressions. Next to the personal influence of the teacher comes that of the text-books, and it should be a matter of proud satisfaction to citizens of the United States that, although among the youngest of the enlightened nations, she is in the van-guard in all matters of education, and the production of text-books has kept steady pace with the educational advance of the nation. A glance at the well-filled shelves of Arthur Hinds,

dealer in school and college text-books, will show ample justification for the foregoing remarks. Naming the books and authors would be a work of supererogation, for no standard text-book is found wanting in this large and surprisingly complete stock. Dictionaries, cyclopedias, classical lexicons, and text-books by approved authors and compilers, philological, grammatical, geographical, mathematical, physiological, philosophical, metaphysical, scientific, and a multitude of other text-books too numerous to mention, suited to students of all grades, from the pupil of the common school to the seeker after abstruse truth. Mr. Hinds first established himself at No. 3 West Third Street in 1884, but removed to his present commodious quarters the following year. The store is eligibly located, and admirably fitted up both for comfort and convenience. A number of able clerks assist in the transaction of the large and growing business, which is both wholesale and retail in character, and is extended over a wide area, including both the United States and Canada. Mr. Hinds was born at Cold Spring, N. Y., and is still a young man. He is highly educated, and thoroughly appreciates the importance and far-reaching influence of the business which has engaged his attention for the last six years.

P. K. LANTRY, Carpenter and Builder, No. 159 East Fiftieth Street. Residence No. 566 Lexington Avenue.—There is no branch of the mechanical arts where a thorough knowledge of the trade is so essential as in that of the carpenter and builder. An establishment in this line which has won an excellent reputation for first-class work is that of Mr. P. K. Lantry of No. 159 East Fiftieth Street. He has had many years' active, practical experience and understands the business thoroughly in all its branches. He personally supervises all work entrusted to him, and as he employs only experienced and skilled assistants, and has every facility for executing the largest orders, the result is a perfect product. He makes a specialty of jobbing, remodeling and general overhauling of buildings, and is prepared to make estimates and take contracts for executing the same promptly and in a faithful and workmanlike manner. He has erected some of the largest buildings in the city, and is now engaged on the "Standard Gas Light" building, East One Hundred and Fifteenth Street, and on another large building on East Seventy-fourth Street, 100x50 feet and five stories high, and still another on Cherry Street, 100x25 feet. Mr. Lantry is an energetic, enterprising and pushing business man, prompt and reliable in all his business engagements, and sustains an excellent status in the community, in business, and social circles. He refers by permission to the following: S. B. French, Esq., 15 West Fifty-first Street; Geo. H. B. Hill, Esq., 13 West Fifty-first Street; Prof. F. S. Dennis, 542 Madison Avenue; G. E. Dixon, M. D., 815 Madison Avenue; G. G. Wheelock, M. D., 75 Park Avenue; J. T. Atterbury, Esq., 1 West Forty-seventh Street; D. B. Van Emburgh, Esq., 3 West Forty-seventh Street; A. B. Twombly, Esq., 33 East Fifty-fifth Street; Delano C. Calvin, Esq., 65 East Fifty-sixth Street; Mrs. Chas. Wall, 43 Park Avenue; G. Hoffman, Esq., 22 West Fifty-seventh Street.



WIGGERS' PATENT SASH-LIFTERS; Albert Wiggers, Patentee, No. 60 Nassau Street; Brainerd & Co., Manufacturer's Agents, No. 97 Chambers Street.—Nearly all modern buildings are constructed with single light sashes, the raising and lowering of which is attended with difficulty. The adjustment of the lower sash is especially inconvenient when screens are used. To obviate all this, Mr. Wiggers patented, March 2, 1886, a very simple contrivance, and its sale justifies the belief of its great adaptability. These sash-lifters will be found indispensable in overcoming this constant annoyance for the following reasons: They obviate the necessity of raising the lower sash and reaching outside to move the upper one. Window-hooks and sticks, which are a menace to the safety of the glass, and seldom in place when needed, are entirely done away with. They save the sashes; for handling windows in the old way necessarily results in springing the sash and loosening the glass. Latching or locking is facilitated by their use; as any tendency on the part of the upper sash to drop back is readily overcome. Their simplicity can be seen readily by the accompanying cuts. They consist of a strip of steel or brass, concavo convex, conforming in shape to the bead on the side rail of the sash and extending its entire length. Easily attached with escutcheon pins which accompany each pair. Made from 28 to 44 inches in length to fit sashes with standard sizes of glass. Odd sizes can easily be cut with a file. They are finished either nickel, brass, japanned to match wood-work, and white enamelled. Also unfinished, but prepared for painting, if desired to finish them with the sashes. All strips have four projections equidistant. They are worth the trial from every one, and will add greatly to the house's comfort. They are sold by the dozen pair, as follows: Nickel-plated or brass, \$6; japanned or enamelled, \$4; unfinished, prepared for painting, \$2.50. Messrs. Brainerd & Co., manufacturer's agents, of No. 97 Chambers Street, supply the building trade, hardware dealers, carpenters, painters, and the trade in general.

STANDARD RUBBER COMPANY, Manufacturers of Rubber and Horn Novelties, etc. Office and Factory, Nos. 177 and 179 Grand Street.—One of the most successful houses engaged in the production of novelties in this city is that of the Standard Rubber Company. The proprietor, Mr. L. Levi, established the business here in 1885, and makes a specialty of rubber and horn goods, including hair-pins, combs, and other small rubber novelties.

Mr. Levi is educated to the business, having had twelve years' experience therein, and in the manufacture of these goods he exhibits that fertility of conception and perfect knowledge of what are novelties that will readily take with the public, which has served to give his house a name and fame in the trade throughout the entire country. His factory is spacious and commodious, finely equipped with new and improved machinery, operated by steam-power, and employment is given to from 20 to 30 skilled hands. The extent of the trade already built up in all parts of the country shows that this is an important and continually increasing branch of commercial activity. All orders receive prompt and faithful attention. Mr. Levi is a native of Germany, a resident of this country since 1852, and an enterprising and reliable business man.

JOHAN HAUG, Manufacturer of Diamond Jewelry, No. 49 Maiden Lane.—The manufacturing jewelry trade of New York, thanks to the enterprise and talents of the representative houses engaged in it, has attained proportions of great magnitude, and is in every way a credit to the city. Prominent among the most active business houses is that of Mr. John Haug, of No. 49 Maiden Lane, who commenced business here eleven years ago, and has since developed trade highly creditable to himself and the city. He is a practical business man, with an experience extending over thirty-five years, and has a first-class connection throughout the trade. He occupies the third floor of the building, and this is amply equipped with the latest improved mechanical appliances pertaining to the business. The machinery is operated by steam-power, and from ten to twenty skilled and experienced operatives are employed. Mr. Haug is a manufacturer of all descriptions of fine diamond jewelry, and he possesses every possible facility for turning out thoroughly reliable work. He makes a specialty of rings, brooches, scarf-pins, ear-rings, etc., and these are shipped to dealers in all parts of the United States. Anything in his line is made to order at the shortest notice, in the most workmanlike manner, and at reasonable cost. Personally, Mr. Haug is very popular, and well known to the community, where he enjoys the esteem and consideration of all with whom he has formed business relations, in consequence of his strict probity and integrity, and justly merits the success which has attended his perseverance and energy. He is a native of Germany, and has resided in New York since 1860.

DISOSWAY & HENDERSON, Dealers in Foreign and Domestic Hardware, Cutlery, etc., No. 165 Greenwich Street.—One of the oldest and most reliable houses in New York actively engaged in the wholesale trade in foreign and domestic hardware, cutlery, etc., is that of Messrs. Disosway & Henderson. This business was established forty years ago by Sears, Tuckers & Co., who were succeeded by Sears, Leavitt & Co., Grundy, Kenworthy & Co., Geo. C. Grundy & Co., and Grundy, Disosway & Co. Eventually, in 1885, the present firm assumed the management, the copartners being Messrs. C. D. Disosway and J. S. Henderson. Both partners have had great experience in the hardware and cutlery trade, and possess an intimate knowledge of every detail of this important business. The premises occupied comprise a superior five-story and basement building, 30x100 feet in dimensions, fully equipped with every appliance and facility for the systematic and successful conduct of the business. The firm employ twelve clerks and salesmen, and their trade, which is strictly wholesale, extends throughout all sections of the United States. Their stock is extensive and well selected, comprising superior lines of foreign and domestic hardware and cutlery, and the prices quoted in all cases are extremely moderate. Mr. Disosway is a native of New York, and Mr. Henderson of Georgia. They are agents for Cobb & Drew, of Plymouth, Mass., who are the largest and oldest manufacturers in their line in the country. They are able, enterprising business men, justly meriting the large measure of success secured by their honorable methods and energy in this useful enterprise.

THOMAS C. AVERY, Coppersmith and Plumber, Steam Fitting, and Sheet Iron Work, No. 231 South Street.—One of the oldest and best-known coppersmiths and plumbers in this city is Mr. Thomas C. Avery, whose popular establishment is located at No. 231 South Street, opposite Screw Docks. Mr. Avery has been established in the trade for upward of forty years, and makes a leading specialty of boat work along the river front. He attends promptly and successfully to all kinds of steam fitting and sheet iron work, and pays special attention to hurried repair work. Sheet copper and yellow metal of every description is tinned at the shortest notice, and copper, brass, tin, lead, zinc, sheet, and galvanized-iron work is manufactured in all its branches for steamships, steamboats, sugar-houses, plantations, distilleries, and factories; also steam jets, gas cylinders, gasometers, iron tanks, wrought iron pipe work and plumbing, brass and iron valves, cocks, hose, packing, and all kinds of wrought iron pipe and fittings. The business premises are spacious in size, well equipped for rapid and perfect production, completely stocked with new, useful, and reliable goods, and employment is given to some twenty skilled and experienced workmen. By availing himself of all the newest and most approved facilities, Mr. Avery has succeeded in constantly elevating the standard of his manufactures, and by natural consequence a corresponding increase in the demand for them. All kinds of copper work, steam fitting, plumbing and repairs are produced in highly substantial workmanship, all materials being selected with care, and every finished article inspected with a scrutiny which cannot fail to detect imperfections however small or insignificant. This has made the work of this establishment distinguished for its general superiority and its perfect adaptation to all the purposes to which it is devoted. Prices are placed at a very fair and reasonable figure, and the utmost confidence in all the methods of the house is fully justified. Mr. Avery is a native of this city, a thorough exponent and an accomplished master of his trade, and known as a useful and substantial citizen and a solid and successful business man.

E. A. SMITH, Wholesale and Retail Dealer in Foreign and Domestic Fruits, Nos. 196 and 197 Fulton Market.—A well-ordered and excellent Fulton-Market fruit stand is the popular and prosperous establishment conducted by E. A. Smith, wholesale and retail dealer in foreign and domestic fruits of every variety, stalls Nos. 196 and 197, and where can always be found an extensive and first-class assortment of everything in the line of tropical, California, and home garden products, while customers may at all times rely upon receiving a very choice article, upright dealing, and prompt and polite attention here. This neatly kept and well-known stand was started about fifteen years ago by the present proprietor, and from the inception of the venture has steadily grown in public favor and patronage. Mr. Smith occupies two commodious and attractive stalls, and carries constantly on hand a heavy and carefully assorted

stock of oranges, lemons, bananas, apples, grapes, etc., also pine-apples, water and citron melons, berries, peaches, pears, and foreign and domestic fruits of all kinds in their season, several courteous and efficient assistants being employed. Hotels, parties, and families are supplied in most prompt and satisfactory manner, while shipping orders likewise receive immediate attention, and the trade, which is large and flourishing, extends all over the city and vicinity. Mr. Smith, who is a native of this city but a resident of Long Island, is a man of energy and excellent business qualities, and has had twenty years experience around Fulton market.

PROF. J. W. LIVINGSTON, Importer of Fashions, and Inventor and Teacher of French Dresscutting, No. 916 Broadway.—At the present day dressmaking has become an art, and dress-makers realize the fact that they must become artists if they desire to keep up with the progress and advancement of the age. Though it is universally conceded that American ladies are the best dressed in the world, yet they are nevertheless obliged to depend on French ingenuity and artists for their styles. In connection with these remarks, special attention is directed in this commercial review of New York to Prof. J. W. Livingston, importer of fashions and inventor and teacher of French dress cutting, No. 916 Broadway. Professor Livingston has linked science to art, and hand in hand his famous French square-measure system of dress-cutting goes with the success of every modern practical dressmaker. His is the only French square-measure system ever patented in the United States, and is absolutely and scientifically accurate. Prof. Livingston has made his system a subject of unremitting study and attention for the last twenty-eight years in eight different countries, and as a result of his scientific investigations he offers to the public the famous French combination of squares. It is the only system known in the world with eight different forms of shoulder, eight different sizes of neck, twelve different shapes of dart, forty-two different curves for the hip. Any lady of ability can become a professional cutter, and be capable of taking a first-class position, or start for herself by learning Prof. Livingston's system of French dress-cutting. Numbers of the prominent dry-goods houses of the metropolis and dressmaking establishments have adopted this famous system for its simplicity, accuracy, and saving of time and materials. Prof. Livingston's terms for instruction in this system are \$20. This includes the system and book of instructions. He teaches his pupils more in one week than can be learned in any dressmaking establishment in five years, and has now ladies taking instruction in his establishment from all parts of the world. He occupies spacious and commodious premises, where he exhibits a superior stock of patterns and instructs practically in his famous system of dress-cutting. A large stock of dressmakers' findings is constantly kept by him on hand, including tracing-wheels, tape measures, gas irons, squares and gauges, pleaters, buttonhole-workers, shears, adjustable wire forms, and all kinds of trimmings. Prof. Livingston was born in Harrisburg, Pa., and is now fifty-two years of age. He was brought up at Mount Vernon, Ohio, and when fourteen years old was employed in the Baldwin Works, Philadelphia, as a machinist. When he was seventeen he ran a train from Harrisburg to Philadelphia, and when nineteen he was engaged as assistant master mechanic on the Cleveland and Erie Railroad, at Cleveland. During the Civil War he was a member of the engineer corps, etc., and eventually was appointed revenue detective for the U. S. Government.

DR. J. M. JAFFRAY, Dentist, No. 381 Sixth Avenue.—Among the foremost dental practitioners in this city may be mentioned the name of Dr. J. M. Jaffray, who sustains an excellent reputation for reliability and skill in the exercise of his art, while he enjoys as a consequence an extensive and very flattering patronage. Dr. Jaffray is a man of forty or thereabouts, with upward of twenty years' practical experience in his profession, and is a native of Portsmouth, R. I. Coming to New York in 1873, he commenced practice at No. 444 Sixth Avenue, where he continued up to January, 1887, when he moved to the present location. He occupies ample and commodious quarters, handsomely fitted up and completely equipped with the most improved appliances, devices, and general appurtenances, while no pains are spared to render the utmost satisfaction in every case to patrons. Teeth are extracted, filled, adjusted, and attended to in all respects in the most superior and reliable manner; in short, everything comprehended in modern dentistry is executed in the highest style of the art, at popular prices.

OSCAR G. AHLSTROM, Manufacturer of Electrical Instruments, No. 162 William Street.—Special reference is made in this review of the commerce and industries of New York, to the reliable and successful house of Mr. Oscar G. Ahlstrom, electrical engineer and manufacturer of electrical specialties. Mr. Ahlstrom is a native of Sweden and served his apprenticeship in his native country. He worked for several years in a famous electrical telegraph establishment in Stockholm. The work turned out of this house had the reputation of being among the finest in the world, and it often happened that electrical specialties manufactured in France, Germany, and Belgium, had to be readjusted in this Stockholm shop. Sixty skilled and experienced workmen were employed here, of all nationalities, and among them all the ablest workman was Mr. O. G. Ahlstrom. In 1866 Mr. Ahlstrom came to the United States, and for more than ten years was employed with Charles T. and J. N. Chester, the famous instrument makers on Centre Street. Eventually, in 1878, he commenced business on his own account, and has since attained a liberal and influential patronage. Mr. Ahlstrom devotes special attention to the manufacture of electro-medical apparatuses, and testimonials from every part of the United States, Mexico, Cuba, and South America bespeak his successful development in this important branch of electricity. In this establishment can be found electro-medical machines of every style and design, and at all prices from \$5 to \$100, and even at higher prices, but there is no better electro-medical machine in the market than the O. G. Ahlstrom family medical apparatus. The price of this machine complete is \$15, and will answer for any purpose. Hundreds of these family electro-medical apparatuses are now in use by prominent physicians, surgeons, dentists, and private families, and are highly recommended. Mr. Ahlstrom manufactures to order or otherwise telegraph and electrical instruments, batteries, and supplies; also carbons for batteries and electric lights, office annunciators, burglar alarms, call-bells, magnet wires, etc. He likewise promptly makes models for the Patent Office and small machinery of all kinds, while his prices in all cases are extremely reasonable. Mr. Ahlstrom is a prominent Thirty-second Degree Freemason, P. M. of Corinthian Lodge No. 488, P. H. P. of Americus Chapter No. 215, Past-Prelate of Morton Commandery, No. 4, a member of the Mutual Knights Templar Association, a member of Mecca Temple, Nobles of the Mystic Shrine, and a member of the Consistory of New York city Thirty-second degree. It is therefore with great pleasure that we recommend him to our readers as an able, reliable, and honorable man.

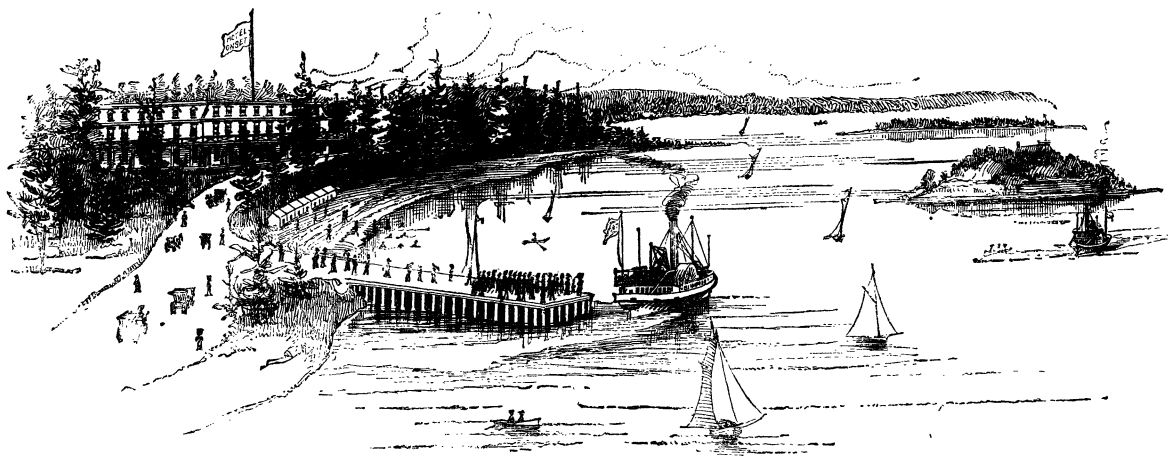
D. **HALEY & CO.**, Wholesale and Commission Dealers in all Kinds of Fish, No. 6 Fulton Market.—A successful and old-established house in the metropolis, actively engaged in the wholesale commission fish trade, is that of Messrs. D. Haley & Co., whose office and stall are situated at No. 6 Fulton Market. This business was established in 1845 by Mr. Dudley Haley, who conducted it till 1865, when he admitted his son, Mr. Albert Haley, into partnership, under the firm name of D. Haley & Co. They deal extensively in all kinds of fish, including cod, salmon, halibut, mackerel, herring, white-fish, lobsters, terrapin, green turtle, etc. In consequence of their influential connections they possess ample facilities for filling promptly the largest orders at the lowest possible prices. They make liberal advances on consignments, and guarantee always quick sales and prompt returns. Only the best stock is handled, and the trade of the house extends throughout New York and the neighboring cities. The firm employs ten operatives and have eight cars in the basement for storing fish. Mr. D. Haley was born in Connecticut, but has resided in New York city for the last half century, while his son, Mr. A. Haley, is a native of this city. In 1852 Mr. D. Haley was elected alderman, and has ever been an active supporter of all measures conducive to the benefit and welfare of his fellow-citizens. Both partners are highly regarded in business circles for their promptness and integrity, and their success in the wholesale fish trade is as signal as it is well merited.

J **JOHN GUTH**, Commission Merchant, in Butter, Cheese, Eggs, and Poultry, No. 163 Chambers Street.—In no department of commerce in the city is more activity displayed than in that devoted to the produce-commission trade, in which so many worthy houses are engaged. One of the oldest and most widely-known of these houses is that conducted by Mr. John Guth, of No. 163 Chambers Street, which bears an enviable reputation in mercantile circles.

The business of this concern was inaugurated in 1853 by Messrs. J. Guth & Bro., the firm afterward becoming Guth & Whitmore, Mr. Guth succeeding to the entire control in 1876. Under his energetic management an extensive, influential, and permanent patronage has been developed, the business connections extending to all parts of the city and its vicinity. The commodious premises, consisting of a store and basement 30x125 feet in dimensions, are fitted up with every convenience for the prompt handling and storage of the heavy stock at all times carried. Mr. Guth is a general commission merchant in butter, cheese, eggs, and poultry and all kinds of country produce, receiving frequent consignments from extensive producers and shippers in the West, and selling the same at wholesale on the most favorable terms. Liberal advances are made on consignments when required, while quick sales and prompt returns have always been the characteristics of this reliable and trustworthy house. Mr. Guth, though a native of France, has resided in this city for the past forty years, coming here when but thirteen years of age. By his untiring efforts he has attained his present position of mercantile prominence, is an active member of the Mercantile Exchange, and he sustains the highest respect of his business contemporaries and fellow-citizens generally.

A **LPHEUS G. SHATTUCK**, Wholesale and Retail Dealer in Rubber Goods, No. 86 Nassau Street.—Rubber goods are so varied and multitudinous and of such general and universal utility as to place the trade in them among the most important of our commercial enterprises. A distinguished, old-established, and successful house engaged in this branch of industry is that of Mr. A. G. Shattuck, located at No. 86 Nassau Street. Mr. Shattuck founded this enterprise in 1865, and it at once entered upon a successful career. He has been unsparing in his efforts to make his establishment a leading one in its line of trade in the city, and that he has succeeded is testified to by the large and influential patronage he enjoys. His store has an area of 20x70 feet, and is complete in all its fittings and appointments. A full and comprehensive stock of Goodyear's rubber goods is carried, and this embraces an almost endless variety of articles, including hose, clothing, tubing, syringes, elastic bands, rings, boots and shoes, etc. The trade is wholesale and retail in its character, and while the goods carried are the best of their class, Mr. Shattuck's prices are such as to defy successful honorable competition. While the business relations of the house are wide-spread the bulk of the trade is confined to the city and vicinity. Orders are filled with dispatch at the lowest quotations, and all goods are guaranteed to be exactly as represented. Mr. Shattuck is a native of Boston, and for thirty years has resided in the metropolis. He is possessed of a high order of business ability, and is a popular and esteemed merchant.

B **RYAN G. MCSWYNY**, Manufacturer of Gentlemen's Fine Boots and Shoes, No. 240 Broadway.—In the boot and shoe trade many of the large industrial establishments are devoted exclusively to the manufacture of special goods, and are therefore enabled to put in the market the best possible goods in their particular lines. One man's name, Bryan G. McSwyny, No. 240 Broadway, stands prominent in this respect before the public, not only acquiring metropolitan fame in New York, but a national and international fame, his shoes, for originality, comfort, and design, being known in both continents. He has also obtained the medals of superiority for a number of successive years in the American Institute against all competitors. He has had thirty years' experience in the trade, and started business on his own account in 1864, and his success therein has been of the most marked character. Mr. McSwyny makes a specialty of custom-made and hand-sewed gentlemen's boots, and in the production of this class of goods he has gained a most enviable reputation. He has made nearly all the shoes for all the six-day walkers, and in the manufacturing department he employs from twenty-five to thirty-five hands. The materials used are the best that money can buy, and the workmanship is of the very highest quality. The salesroom has an area of 20x80 feet, and this is very tastefully fitted up and admirably arranged for the business. The stock carried is one of the largest and the most varied of any to be found in the city. The goods have been carefully selected for a first-class retail trade, and the quality and prices are such as to win a large patronage. Mr. McSwyny is a native of Ireland, and came to this country in 1864.



THE GRAND CENTRAL TEA IMPORTING COMPANY: James B. Clark, Importer of Teas and Dealer in Coffees and Spices for the Wholesale Trade, No. 139 Reade Street.—The founder and proprietor of this old and distinguished enterprise is Mr. James B. Clark, who inaugurated the business in 1837, and who has conducted it at its present location for the past three years. His premises comprise the first floor and basement of the building, which is 25 by 80 feet in dimensions. These are suitably fitted up, and they contain an immense stock of teas, coffees, and spices, of the purest and finest quality to be found in the market. Mr. Clark has the best of connections with the producers of teas in China and Japan and of coffees in Java, Mocha, and South America, and, importing direct, he is always in a position to supply the wholesale trade, to which his sales are limited, with the most reliable goods at the lowest current rates. Mr. Clark is one of our best known and most popular merchants, and is the owner of the Hotel Onset, at Onset Bay, Mass., which is one of the finest summer resorts in America. No spot on the coast can surpass Onset Bay for natural attractions. The bathing facilities are especially fine, the sailing and fishing advantages are of the best, and it is a perfect abode of restful quiet and recreative influences during the summer days—a perfect paradise for women and children. It is the fairest exponent of land and ocean scenes that exists; the forest growth of pines is attractive for its luxuriousness and great extent—in short it is endowed naturally with attractions second to none. Southwest winds prevail in summer, and, coming across twenty-five miles of ocean water, makes the temperature fifteen degrees lower than in Boston or New York. A fine mineral spring has been recently discovered on this property, with many curative qualities not heretofore known in this section; in addition to the other attractions, this will make Hotel Onset one of the most popular health resorts in America. The spring water will effectually aid weak, impaired, and debilitated organs, invigorates the nervous system, tones the digestion, and imparts new life and energy to all who drink it. An analysis has been made by Professor Doremus, of Bellevue Hospital Medical College, city of New York, who says it is very largely charged with Bicarbonate of Iron similar to a highly sparkling water with carbonic acid gas. Onset Bay can be reached direct by the Fall River Line and Old Colony Railroad and all other lines running east from New York.

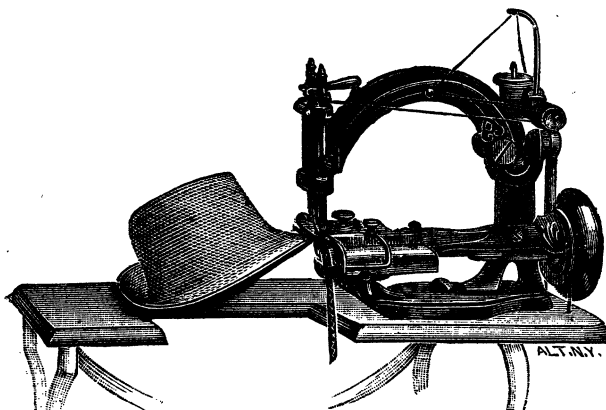
M. PLUMMER & CO., Wholesale Paper Dealers, No. 161 William Street.—An old established and successful house actively engaged in the wholesale-paper trade is that of Messrs. M. Plummer & Co. This business was established in 1863 by Plummer & Spaulding, who conducted it till 1869 when the present firm succeeded to the management. The copartners, Messrs. Myrick Plummer and Isaac M. Cook bring great practical experience to bear, and represent in New York some of the most celebrated houses in the United States. The premises occupied comprise a superior four-story building, 25x125 feet in dimensions, fully supplied with every appliance and facility for the successful conduct of the business. Messrs. M. Plummer & Co. deal extensively in the finest grades of printing and writing papers, and quote prices very difficult to be duplicated elsewhere. Fifteen salesmen, clerks, etc., are employed, and the trade of the house extends throughout all sec-

tions of New York and the neighboring States. Mr. Plummer was born in Maine, but has resided in New York for the last thirty-five years, while Mr. Cook is a native of New Jersey, and their success in the wholesale paper trade of the metropolis is as substantial as it is well merited.

ANNIN & CO., Manufacturers of Flags and Banners in Silk, Bunting, etc., Nos. 99 and 101 Fulton Street, corner William Street.—A department of industry which has been developed to proportions of much importance in the metropolis is that devoted to the manufacture of flags and banners. The pioneer establishment engaged in this line, and the oldest of the kind in the United States, is that of Messrs. Annin & Co., located at Nos. 99 and 101 Fulton Street, corner of William Street. This house was originally founded in 1847, by Mr. Edward J. Annin, who admitted to partnership, in 1850, his brother, Benjamin F. Annin, and in 1869 a second brother, Mr. John Annin, was given a place in the firm. The enterprise has been a pronounced success from the outset, owing to the energy and talent exercised in the management, and the superior character of the productions. The firm have performed much notable work for Messrs. Tiffany & Co., and at the time of the late war made many of the flags which led the Union forces on to victory, and in defence of which so many lives were sacrificed. The premises occupied for the purposes of the industry are comprised in two commodious floors, each 25x100 feet in size, and fitted up in the most complete manner throughout, employing a force of skilled assistants. The firm carry on general operations as manufacturers of flags and banners in silk, bunting, and other materials; also staffs, eagles, spears, balls, etc., and at all times carry a heavy stock to meet the active demand which is supplied, the assortment including flags of all nations, and handsome stands of colors for yachts and pleasure boats. In some seasons the firm use as much as 70,000 yards of bunting in their manufactures. The Messrs. Annin are natives of this city, are favorably known in business circles, and their success has been achieved solely through their meritable productions and their honorable methods of dealing.

JOSEPH BARRE & CO., Steamship and Yacht Lamps and Supplies, No. 71 Fulton Street.—The business of this concern was founded two years ago by the present sole proprietor and manager, Mr. Joseph Barre. He carries on a general business as manufacturer of and dealer in steamship and yacht lamps and supplies, making a leading specialty of electric fixtures, and the prosperity that he has achieved has been due to the superiority of his productions. The premises occupied are large and admirably fitted up, and contain a very heavy stock of the excellent goods dealt in, the display of lamps and lanterns being particularly handsome and well worthy of praise. Mr. Barre employs ten skilled assistants, and gives particular attention to the fitting out of vessels, entering into contracts, furnishing estimates on application, and meeting all orders promptly and in the most satisfactory manner. He is the New York agent for the well-known house of Williams, Page & Co., Boston. Mr. Barre is a native of this city, and sustains an excellent standing in business circles.

JOSEPH A. BRAUTIGAM, Machinist; Manufacturer and Dealer in Sewing Machines, Nos. 218 and 223 Grand Street.—A thoroughly practical mechanic, with a highly-inventive faculty and turn of mind, this man established himself in business in 1873, occupying the third floor, at above number, as an office and factory, it having an area of 25x100 feet, and being completely fitted up, with novel and modern machinery, operated by steam power, and utilized for turning out all kinds of mechanical work. Employment is given to from five to ten competent hands. The stock carried is complete, to suit the wants of his patrons, who extend all over the United States and part of Europe. The principal article manufactured is a special sewing machine invented by the proprietor, J. A. Brautigam, for sewing straw hats. That it performs its work well, manufacturers who have it in use can testify. He also manufactures machines for



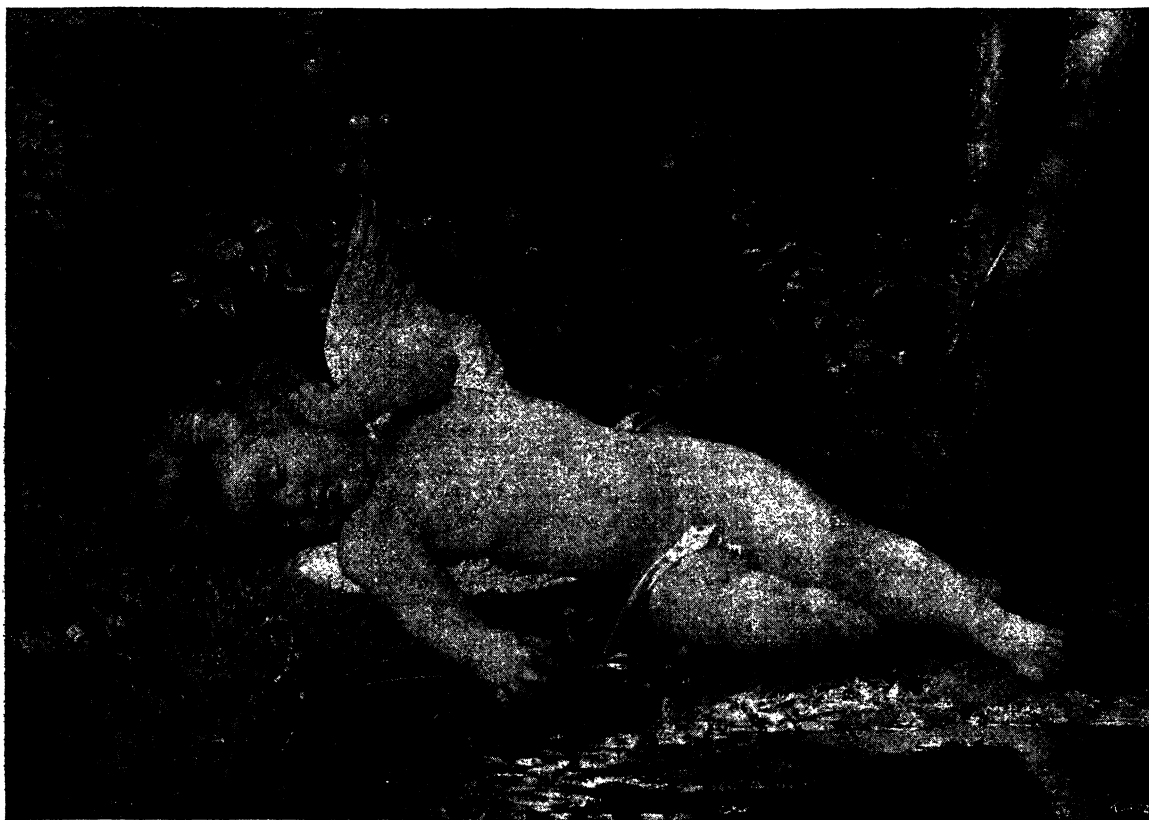
hat binding, zig-zag, and other hat work; also gauges for hat-sweat stitching, etc. His skill is such, that he is being continually called upon to improve and complete patents, furnish estimates on fine machinery, and do general work in that line, and he is very popular among the mechanical and scientific professions. As a worker on general and fine machines he has few equals. J. A. Brautigam was born in Germany, and has resided in this city 22 years, with an experience of 35 years as a practical machinist. He is a competent workman, and his general business ability is good, his industry increasing, and his integrity fully proven. He has a host of friends who wish him prosperity and success, and he deserves both, being a man of more than ordinary ability.

GEO. R. OSBORN, Manufacturer of Embossed Metal Goods, Nos. 63 and 65 Elizabeth Street.—Not perhaps within the entire range of the light mechanical arts has there been made such remarkable progress during the past decade or two as in that devoted to the production of fancy metal novelties. Especially does this apply to the embossed and passementerie articles, in which very notable improvement has been manifested of recent years. Of the many engaged in this interesting branch of art in the metropolis to-day, few, if any, have been more fortunate in making and sustaining a reputation for fine work and reliability than Mr. Geo. R. Osborn, manufacturer of embossed metal goods, Nos. 63 and 65 Elizabeth Street, and whose products have secured an enduring hold on popular favor, owing to their unequivocal excellence. The work turned out in this well-ordered establishment is of a very high order, and is not surpassed in any feature of merit—in beauty or originality of design, execution, finish, or general superiority—by any produced in this city, and as a consequence the goods are in constant and wide demand in the trade, while the patronage gives evidence of steady increase. The factory, which occupies a 35x100-foot (third) floor, is supplied with ample steam power and completely equipped with the latest improved machinery, tools, and general appurtenances, and some ten or a dozen expert hands are employed. The products include plaque easels, round-top easels, rustic, table, album, and fan easels, cup and saucer easels, plaque-hangers, photo-holders, cardettes, rustic and fancy banner rods, banner stands, shade pulls, button hooks and a variety of embossed metal novelties in unique designs and exquisite workmanship, an extensive and superb assortment being carried constantly on hand, and the trade, which extends throughout the city, State, and adjoining States, is of a very substantial and highly-flattering charac-

ter. Mr. Osborn, the enterprising and prosperous proprietor, is a comparatively young man, and a native of New Haven, Conn., but has resided in New York for twenty years. He is a practical and expert workman himself, with many years' experience in the exercise of his art, and is thoroughly conversant with the wants of the trade. Being a man of push and energy, as well as skill and experience, Mr. Osborn established this flourishing business in 1878, and the positive and permanent success that has attended his efforts from the first amply attests the superiority of the work turned out as well as the wisdom that inspired the venture.

NEHB & MAHLMANN, Designers and Manufacturers of Artistic Office and Saloon Fixtures. Office and Factory, No. 124 Elizabeth Street.—A leading establishment engaged in this department of production in the metropolis is that of Messrs. Nehb & Mahlmann, who are widely prominent as designers and manufacturers of artistic office and saloon fixtures, mantels, hardwood doors, trim, wainscot, pier-frames, etc.; located at Nos. 122 and 124 Elizabeth Street. This firm are highly esteemed for their skill and thorough knowledge of the business, and have made their mark as manufacturers of reliability and talent. The business was founded in 1852, by Messrs. Kruskof & Schreiber, who were succeeded by the present firm in 1887. The members of this firm, Messrs. John Nehb and Diedrich Mahlmann, are both natives of Germany, and have resided here for many years. Mr. Nehb has been connected with this house for the past fourteen years, while Mr. Mahlmann has had twenty-five years' experience in the trade, and both are eminently popular and successful in meeting every demand of their large and growing patronage. Their premises comprise four floors, one 25 by 100 feet, others 25x50, which are thoroughly equipped with the latest improved machinery, driven by steam power, and every modern facility is at hand to aid in the work of the house. Employment is given to from 30 to 50 hands, whose operations are personally directed by the proprietors, and the output is absolutely unsurpassed for originality of design, fineness of finish, and artistic workmanship by that of any other house in the trade. A splendid stock is constantly carried, and all orders meet with the prompt and careful attention of the firm, while the prices which prevail are such as to contribute materially to the popularity of the house among all classes of people. Its work is always well and skilfully performed, while the fine taste and good judgment of the firm, combined with their reliable business methods, serve to commend the house to the confidence and patronage of all.

FOWLER & ROCKWELL MACHINE COMPANY (Limited), Cracker, Biscuit, and Bread Machinery, No. 9 Elizabeth Street.—One of the most complete revolutions effected in the methods of any trade in the last few years is certainly that which has taken place in the manufacture of crackers, bread, and biscuits. This great change has been brought about chiefly by the introduction of machinery. A prominent and progressive house in New York actively engaged in the production of cracker machinery, etc., is that of the reliable Fowler & Rockwell Machine Company, whose office and works are located at No. 9 Elizabeth Street. This business was established in 1877 by Fowler & Rockwell, who conducted it till 1884, when it was duly incorporated under the laws of New York, with ample capital. The following gentlemen are the officers, viz.: L. A. Rockwell, president and treasurer; E. R. Rockwell, secretary; G. S. Fowler, Thomas Wilson, and John L. Garvey, directors. The premises occupied for manufacturing purposes comprise a commodious three-story and basement building, fully equipped with all the latest improved tools, machinery, and appliances necessary for the successful prosecution of this useful industry. Forty experienced and skilled mechanics are employed, and the machinery is driven by steam-power. The company manufacture to order or otherwise, cracker, biscuit, and bread machinery, reel ovens, etc., and are also sole makers of the celebrated Boland Kneaders. All the company's machinery is considered by the trade and experts as the best, strongest, most simple and easily operated machines of the kind in this or any other market, while the prices quoted for them are very moderate. The trade of the company extends throughout all sections of the United States, and large numbers of these splendid machines are exported abroad. The officers are highly regarded in manufacturing and commercial circles for their enterprise, skill, and integrity, and the success achieved by them is the natural result of practical ingenuity with business talent. The company publishes annually a superior illustrated catalogue, which is forwarded promptly upon application.



W KURTZ, Portraits and Relief-printing Plates, Madison Square, Nos. 6 and 7 East Twenty-third Street.—The marked advances made in Photography during recent years are of a character that excite the admiration of the world. Science and artistic skill have been united to attain a degree of life-like perfection in portraits that a few years ago would have been deemed utterly impossible. Much, however, yet depends upon the skill and judgment of the operator, and New York boasts of several who are unrivalled by those of any other city in this country or Europe. Prominent among the number thus referred to is Mr. W. Kurtz, whose gallery and parlors are centrally situated in Madison Square, Nos. 6 and 7 East Twenty-third Street. Mr. Kurtz established this business a quarter of a century ago, and has since built up a liberal and permanent patronage with the best classes of society. His parlors and gallery are handsomely furnished; the light, accessories, and all appliances necessary for the convenience of a first-class establishment are perfect. Mr. Kurtz has been always first in the art, and is known among his compatriots as a go-ahead man. He was the first one who retouched negatives. He introduced porcelain paintings, also the Rembrandt effect of lighting in photography, a style which travelled all over the world from his studio. He is the inventor of the durable transfer crayons; his crayon drawings are to be found in the best families of all cities in this country. Besides receiving orders for this high class of art work from France, England, Switzerland, etc., Mr. Kurtz has been an exhibitor for years, and never received a second-class medal; fourteen first class medals are on exhibition at his studio. He was the only one who received the great art medal, the "Medal for Taste," at the Vienna Exhibition for portraits, besides a first-class medal from Paris; also the best report and medal from Philadelphia. In the last two years he is known to have made the finest and best negatives from oil paintings by the Hyaline process, of which he owns the patent, and has made a great reputation among artists. Last, but not least, he has introduced into his portrait business photo-engraving for the finer kinds of magazine work, of which "Love Asleep," at the head of this article is a sample. In this new invention, which does away with wood engraving, he has great success, and such publishing houses

as Appleton, Harper, Scribner, Estes & Laureat, Lothrop Company, etc., are his customers. He was born in Frankfort, Germany, but has resided in America for the last thirty years, and is highly regarded by the country for his artistic skill, ability, and integrity.

A. SAUER, Commission Merchant, and Dealer in Country Produce, No. 62 Dey Street.—The house of Mr. A. Sauer, one of the enterprising and reliable representatives of New York's immense produce commission interest, located at No. 62 Dey Street, should receive conspicuous mention for the success it has achieved in a comparatively short time in building up an extensive trade and taking a stand with the oldest concerns in the city in its special field of commercial activity. Founded in 1872, by the present proprietor, this establishment commenced business under circumstances that gained for it the speedy recognition and favor of the public, and that have emphasized the prosperity that attended it at the beginning of its career. The firm is now A. Sauer & Son. The building occupied for trade purposes contains four stories and a basement, 25x70 feet in dimensions, giving ample accommodations for the proper handling and storage of the immense stock that is always carried. This stock embraces the products of the farm, the orchard, and garden. By reason of the excellent connections possessed by Mr. Sauer he is enabled to offer to his customers and the trade the choicest quality of goods in every line that the markets afford. Thus all demands are promptly honored, and the business, which is exclusively wholesale, is steadily increasing in magnitude and importance in this city and throughout the surrounding country. To producers and shippers of country produce to this market Mr. Sauer offers advantages of an exceptionally valuable character. Advantageous sales are effected without unnecessary delay, and returns are quickly and correctly made in every instance. Mr. A. Sauer is a native of Germany, and came to this country thirty-eight years ago. Mr. A. Sauer, his son, a native of this city, has since been actively engaged in business as a grocer and commission merchant, and is justly accounted among the most honorable, progressive, and responsible mercantile men in the metropolis.

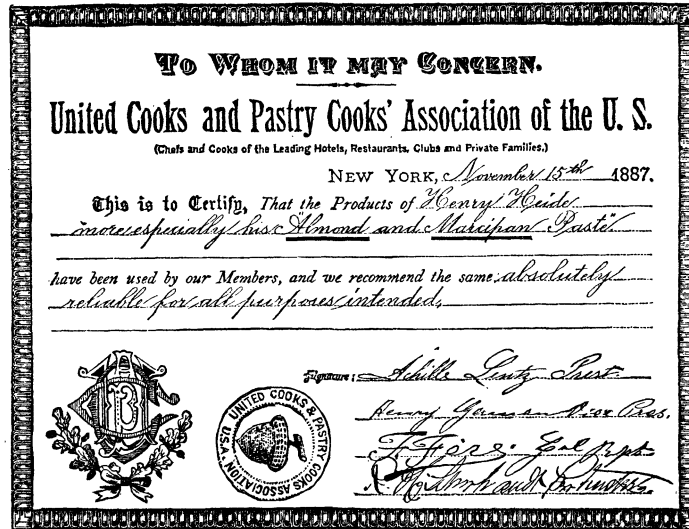


JOSEPH DILLON, House and Sign Painter, Artists' Materials, Paper Hangings, and Painters' Supplies, etc., No. 848 Sixth Avenue, Southeast corner Forty-eighth Street.—Among those houses which have not only been long established, but which have become pre-eminent in their several vocations, none is conducted with more energy and marked ability than that of Mr. Joseph Dillon, whose business headquarters are situated at No. 848 Sixth Avenue, southeast corner of Forty-eighth Street. Employing a large force of skilled assistants, Mr. Dillon is carrying on extensive operations as a house and sign painter, paper-hanger, decorator, and hard-wood finisher; also as a dealer in painters' supplies, and artists' materials. It is now twenty-four years since he launched his enterprise, and during the period intervening his industry, ability, honorable business transactions, and the high standard of his work, have won for him a reputation in which he may justly take pride, while he has attained a position as leader in his special department of industry. Contracts are entered into for work of any magnitude, the charges being made upon the lowest possible basis, while engagements are carried through in a manner guaranteed to give the best of satisfaction. The store occupied by Mr. Dillon is very tasteful in its appointments and is filled with a good assortment of French and American wall papers, mixed and dry paints, colors, stains, glass, brushes, palettes and palette-knives, oils, varnishes, in fact, painters' and artists' supplies of every possible description, all of the most reliable character, and offered at the lowest prices. Liberality and a system of fair dealing have ever marked the transactions of this house, and the prosperity which has attended it has been as well-earned as it has been richly merited.

GRIFFIN B. DISBROW (Notary Public), Real Estate and Insurance, No. 56 East Twenty-third Street.—An important addition to the facilities extended to the public in the real-estate market was the opening of an office by Mr. Griffin B. Disbrow in 1886. Though a young man, Mr. Disbrow embarked in business possessed of the highest possible qualifications and an experience of fourteen years' duration—unrivalled by many men of mature years. He had been for a lengthy period connected with the management of the great Rhinelander Estate, which includes all classes of property and constant supervision of selling, rentals, insurance, building operations, and repairing. He thus embarked upon his own account under most favorable auspices, and has met with a correspondingly large measure of success. Mr. Disbrow's main office is most centrally located in the Young Men's Christian Association Building, No. 56 East Twenty-third Street, while to accommodate his numerous up-town customers he has opened a branch at No. 255 East Eighty-sixth Street. He transacts a general business, and has charge

of about \$300,000 worth of property of the Rhinelander Estate at his up-town office, and has carried through to a successful issue many important transactions. Those relying upon his sound judgment and judicious advice can rely on securing remunerative investments in lots, houses, flat and store property, etc. Mr. Disbrow is personally acquainted with the relative merits of the various sections of the city, where there is the greatest activity and improvement, both on the East and West sides, in the Twelfth Ward and across the Harlem, and those seeking bargains in stores or dwellings, or desirous of renting, should make known their wants to him, as he is prepared to offer the widest range to choose from at the lowest asking prices. He has charge of several large flat properties, and is the agent of the estate of Benjamin Disbrow, deceased; and will take the care and management of estates and insure to absent owners, or those desirous of avoiding the worry inseparable to the active landlord, good responsible tenants, prompt collection and transmission of rents, the keeping up of policies of insurance, pay taxes, and effect repairs in the most judicious manner. He negotiates loans on bond and mortgage; attends to the division and sales of estates and effects. Insurance at the lowest rates of premium in the best companies only. Mr. Disbrow is a notary public, empowered to draw and attest all deeds, liens, contracts, leases, power of attorney, etc., and is as active, energetic, and enterprising as he is responsible and reliable, and it will be to our reader's advantage to secure his services in the way of real estate. His telephone address is "780, Twenty-first Street."

PETER SMITH, Steam Paper Ruler, No. 54 Beekman Street.—One of the best steam paper-ruling establishments on Beekman Street, the great centre of the paper trade of the city, is that of Mr. Peter Smith, who has been established in the business ten years, and in his present location since last fall. The premises are very spacious and commodious, the dimensions being 25x120 feet, and are provided with six of the latest improved ruling machines, operated by steam power, by which the work is accomplished with neatness, accuracy, and despatch, in the best manner. From twenty to thirty skilled operatives are employed. Mr. Smith, who is a young man of fine business abilities, was born in this city, and is widely known and enjoys a well-earned reputation and ranks foremost among those engaged in his special line of business. His operations are extensive and wide-spread, and besides doing work for the trade in this city he fills orders from all the circumjacent sections. He also makes a specialty of "padding" for the trade, and with his unsurpassed facilities for ruling can offer advantages not to be obtained elsewhere.



HENRY HEIDE, Confectioner, Nos. 14 and 16 Harrison Street.—Americans, especially the rising generation, are probably the largest consumers of candy and confectionery in the world, and the productions of our manufacturers of the wholesome and delicious luxuries, can now compete favorably with those of France, which country for a long period has been the most successful in this particular line. One of the most prominent and best-known houses in this line of industry in New York, is that of Mr. Henry Heide, who has a wide and deservedly high reputation as the manufacturer of the "diamond brand" confectionery, and as sole manufacturer of genuine almond paste, for baking use, and whose fine establishment is located at Nos. 14, 16, and 18 Harrison Street. This important enterprise was inaugurated in a small way in 1868, and under progressive and reliable management it has steadily expanded in importance and influence, and now occupies a leading position in its line of trade in the country. The business premises comprise a six-story brick building, 56x100 feet in dimensions, divided into manufacturing and sales departments, equipped with every modern appliance for rapid and successful production, and perfect in convenience of arrangement for inspection and sale. Mr. Heide has a new building in course of erection, which will connect the rear of this building through to Franklin Street, and which will be six stories high, and 25x100 feet in dimensions. The specialties in choice confections manufactured, comprise imperials, creams, gum drops, lozenges, jellies, chocolates, caramels, etc. Purity is the main essential with these goods, and as a result they are held in high favor with the trade and public, wherever introduced. One hundred and more skilled hands are constantly employed, and the output is one of great magnitude and importance. The genuine almond paste was patented by Mr. Heide, November 23, 1875, and is recognized as the finest article ever invented, for maccaroons and general baking purposes. The accompanying cut speaks for itself. It is widely celebrated, and has given this house a high prestige in the trade. Mr. Heide is a native of Germany, but has been a resident of this city for about twenty-two years, and is held in high esteem in this city for his genius and ability as a manufacturer and his reliability and integrity as a business man. He is always prepared to offer his patrons every inducement and advantage known to the trade, and justly merits the signal success he has achieved in this important industry.

FRANKLIN J. MINCK, Commission Merchant, Butter, Eggs, Poultry, etc., No. 199 Duane Street.—Among the most popular and enterprising wholesale produce commission merchants of New York is Mr. Franklin J. Minck, of 199 Duane Street. The extensive and flourishing business conducted by him was founded by the firm of Weber & Minck in 1872, thus continuing up to 1887, when Mr. Minck became sole proprietor. He is possessed of every qualification, including vast practical experience, perfected facilities, and influential connections. He is one of the most popular wholesale commission merchants, having a wide circle of patrons, making

large shipments of butter daily; in fact, many of the most celebrated dairies and creameries of New York, Pennsylvania, New Jersey, Ohio, Illinois, etc., market their product through Mr. Minck, who offers the substantial inducements of an established trade, quick sales at highest rates, and prompt returns. His facilities are perfect, including cold storage on his spacious premises, which are four-stories in height and 25x70 feet in dimensions. Here is every facility for the preservation of perishable articles, and it is fully recognized among shippers, jobbers, and leading retailers, that Mr. Minck delivers the choicest of butter, eggs, and poultry, in prime condition, and readily commanding the highest market prices. He is also a valued factor in the export trade, supplying the best grades of butter, cheese, etc., for the European and tropical markets. Mr. Minck was born in Wisconsin, and has long been a permanent and prominent resident of the metropolis. He is an esteemed and an active member of the Produce, and also of the Mercantile Exchange, and exercises that policy of integrity and enterprise, fair dealing, and promptitude in closing transactions that renders him *universally respected* in leading business circles. Mr. Minck also handles Philadelphia poultry, of which he receives nothing but the choicest consignments; and also the favorite A. B. R. frozen turkeys and ducks, and all grades of Western poultry. His egg department is well worth a visit, as many egg-candlers are constantly employed in the examination of eggs. The credit of his house is A1 in the trade, ample capital being employed, and Mr. Minck promptly honors all drafts presented to him, and liberal advances are made on consignments.

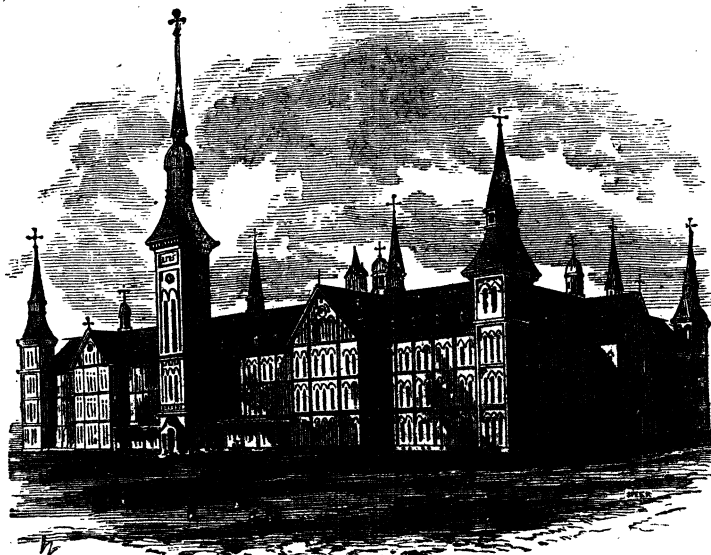
STINER & CO., Wholesale and Retail Dealers in Oysters and Clams, Pickled or Plain, Nos. 357, 358, and 359 Washington Fish Market.—A house that has for the past quarter century been carrying on extensive operations in this line is that of Messrs. S. Stiner & Co., of Nos. 357, 358, and 359 Washington Market, which is widely known to the trade and the public, and bears a name of the highest character for reliability and its progressive policy, as well as for the careful manner in which all its patrons' interests are conserved. The business was founded twenty-five years ago by the present proprietor, Mr. S. Stiner, and has been prosecuted under his expert management without suffering any check to its career of prosperity and popularity. The business stand occupied is appointed in the most tasteful and convenient manner, and contains at all times a large and carefully selected stock of the finest oysters and clams, both fresh and pickled. Both a wholesale and retail trade is supplied, and customers have their orders given the promptest fulfillment by Mr. Stiner and his courteous assistants. Mr. Stiner is a native of New York, and is past the meridian of life. He is one of the old Volunteer Fire Department and has done brave service during its career. As the business policy of his house is marked by fairness, liberality, and strict integrity, we predict it will still permanently continue to be one of the leading features of the oyster trade of New York.

THE METROPOLIS OF TO-DAY.

TINGUE, HOUSE & CO., Manufacturers of Felts and Felting (in Sheets or by the Yard) for Manufacturers and Machinery Purposes. Mills, Glenville, Conn.; Salesroom and Office, No. 56 Reade Street.—The printing and lithographing business has grown to extensive proportions, and contingent industries have multiplied and increased accordingly. For many years it was necessary to import from abroad the blankets and tapes used in printing presses, and the molleton cloth used for printing on lithographic machines; indeed, one firm in England had a monopoly of felt blankets and tapes, and it seemed as though their prestige here would daunt any American concern from attempting competition against the well-established and wealthy English firm. However, in 1872, Messrs. Tingue, House & Co., of No. 56 Reade Street, determined to try it, and started the manufacture of these absolute necessities of the printers' trade, together with all classes of feltings used by manufacturers. They began in a small way, but so thoroughly and ably did they meet the wants of the printers in every particular, and of such good quality was all their goods that from the small beginning has grown a wonderful, enormous business. The firm have now two factories, one being at Glenville, Conn., and the goods produced there are mainly feltings of every description. The other factory, located at Seymour, Conn., is devoted to the manufacture of plushes. The employment of a large number of hands is required to supply the enormous demands made upon the firm for their goods from all over the United States. On Reade Street the firm occupy three floors, each 25x70 feet in dimensions, and these rooms are heavily stocked with a first-class

therein that long ago placed him in the foremost rank of enterprise and success, far beyond the requirements of any praise which these pages could bestow. Only high-class work receives attention, every item of which is carefully attended to and the best standard of excellence is maintained at every point. Cuts of machinery, buildings, landscapes, portraits, newspaper and letter headings, business cards, book covers, monograms, catalogues and book illustrations, colored labels and letterings of every description are produced on wood, and all work emanating from this establishment bears the unmistakable impress of a master hand. From twenty to forty skilled engravers are kept busy in meeting the heavy demand made upon the resources of the house, while the facilities possessed by the proprietor are so perfect and complete as enable him to guarantee the prompt and satisfactory fulfillment of all orders and commissions. In workmanship, conception, and finish, and in the application of late and correct principles, the productions of this house are in advance of all its contemporaries, while the characteristics that govern the business policy of the proprietor entitle him to the esteem and confidence of the general public.

SUSSFELD, LORSCH & Co., Importers and Commission Merchants, No. 13 Maiden Lane.—This firm handle optical and mathematical goods; watch-makers' tools, materials, etc., clocks, bronzes, and Paris fancy goods of various kinds, and the history of their house is a story of the triumph of experience, talent, and intelligent enterprise worthy of emulation. It was found

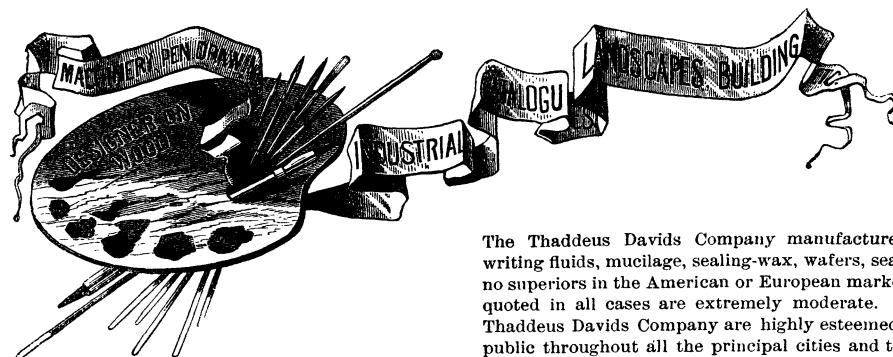


Catholic Protectory, Westchester.

assortment of feltings of every description from their Glenville factory and plushes from their Seymour factory. The copartners are Messrs. W. J. Tingue and Charles W. House. Mr. Tingue is a native of New York State and has the superintendence of the factories. Mr. House was born in Connecticut and has charge of the warehouse in this city. Both have managed their respective departments of the business so admirably that no other firm in their particular line is more popular.

STEPHEN J. COX, Designer and Engraver on Wood, No. 90 Nassau Street.—Probably the best known and most popular designer and engraver on wood in this city is Mr. Stephen J. Cox, whose establishment at No. 90 Nassau, corner of Fulton Street, is considered by good judges as the finest and best equipped of the kind in the United States. Mr. Cox is a native of this city, and early received a thorough and well-rounded training in the engraver's art, of every detail of which he quickly became the skilled and accomplished master. He established himself here in the practice of his art on February 11, 1851, and has devoted his entire time and talents thereto through all these years, winning a prestige and a patronage

ed in 1858, by Messrs. Sussfeld, Lorsch & Nordlinger, the present style being adopted on the death of Mr. Nordlinger in 1882. The proprietors, Messrs. L. Sussfeld and S. Lorsch, are gentlemen of large experience in the business, thorough masters of all its details, and eminently fitted to successfully manage the affairs of so extensive a concern. Mr. Sussfeld resides in Paris, where a branch house of the firm was established in 1866, at No. 16 Rue d' Eryheim, while the New York house is under the exclusive management of Mr. Lorsch. The business premises in this city comprise three floors, 25x80 feet each. The salesrooms are filled with imported productions, carefully selected from the offerings of the best manufacturers in Paris and other European capitals; exhibiting the latest novelties, and most valuable productions in optical goods, watch-makers' tools, clocks, bronzes, and fancy goods. Arrangements are effected with manufacturers whereby every demand of the trade is promptly and satisfactorily met. A force of twenty assistants contribute to the satisfactory operations of the house. The members of the firm are natives of Germany, who came to this country in their boyhood, and have always maintained an excellent status in social, financial, and trade circles.



GUSTAVE DIETERICH, Artist, Designing, Engraving on Wood and Photo Engraving, No. 229 Broadway, Room 15.—A leading exponent in his special line is Mr. Gustave Dieterich, whose skill is widely known and appreciated. Mr. Dieterich, whose former home was Washington, D. C., has resided in this city for the past twenty-five years. For thirty years of his life he has been actively engaged in his present vocation, of which he is a thorough master. In 1882 he founded his business. Occupying a neatly equipped office, and employing several efficient assistants, Mr. Dieterich carries on general operations as a designer, and devotes his personal attention to designing and engraving on wood, furnishing cuts of industrial catalogues, machines, etc., as well as executing all kinds of ornamental designing and pen and ink drawing, making a leading specialty of patent drawing. His work is all executed with that completeness of detail which ever denotes the thorough artist. Mr. Dieterich enjoys a large, influential patronage, derived from the best class of customers.

S. S. LONG & BROTHER, Wholesale Produce Dealers, Nos. 82 and 84 Dey Street.—Among the commercial interests of the metropolis, none are of more direct importance than that of the wholesale produce business. The New York market is unrivalled as regards its shipping facilities, and its development is also largely due to the enterprise of its leading old established houses. Prominent among the number thus referred to, is that of Messrs. S. S. Long & Brother, whose office and salesrooms are located at Nos. 82 and 84 Dey Street, the branch store and salesroom being located at Nos. 875 and 877 Washington Street. This business was established in 1847, by Mr. S. S. Long, who eventually admitted his brother, Mr. Isaac S. Long, into partnership, the firm being known by the style and title of S. S. Long & Brother. The premises occupied comprise a five-story-and-basement building 50x75 feet in dimensions, fully supplied with every necessary appliance and convenience. The firm handles largely choice dairy and creamery butter, eggs, western and dressed poultry, and game in season. The partners are recognized authorities as to quality and prices, and give close personal attention to the prompt disposal of consignments, their facilities enabling them to give the best satisfaction as regards wholesale invoices, while in view of the high class of the staple goods they are receiving, they can at all times afford substantial inducements to the trade. Both Messrs. S. S. and Isaac S. Long are interested in the mercantile exchange. They are natives of Lancaster Co., Pennsylvania, able and honorable business men, and enjoy deserved respect.

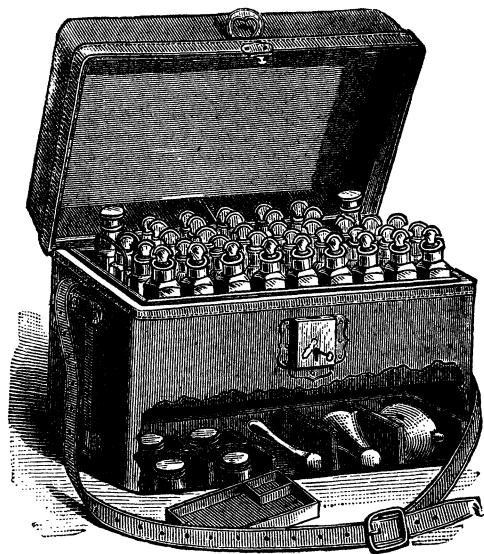
THADDEUS DAVIDS COMPANY, Manufacturers of Inks and Mucilage, Nos. 127 and 129 William Street.—A house that has been established for upward of sixty-three years must necessarily engage and attract more than ordinary attention. Such an establishment is that of the representative and reliable Thaddeus Davids Company. This house was founded in 1825 by Thaddeus Davids, and, after various changes, it was, in 1882, duly incorporated under the laws of New York. The executive officers of the company are Mr. George Snyder, President, and Mr. David F. Davids, Secretary. The company own and operate two factories in New Rochelle. These factories are fully supplied with the latest improved apparatus, appliances, and machinery, while employment is given in the various departments to 100 operatives.

The Thaddeus Davids Company manufacture extensively inks, writing fluids, mucilage, sealing-wax, wafers, seals, etc., which have no superiors in the American or European markets, while the prices quoted in all cases are extremely moderate. The brands of the Thaddeus Davids Company are highly esteemed by the trade and public throughout all the principal cities and towns of the United States for their uniform excellence, and large quantities of these superior goods are now exported to Canada, Mexico, the West Indies, Central and South America, and other foreign countries. The New York warehouse is a spacious six-story building, 40x125 feet in area, and is fully stocked with a choice assortment of the company's goods. Mr. David F. Davids, the Secretary, is a son of the founder, and one of New York's progressive business men. Both Messrs. Snyder and Mr. Davids, the officers, are highly regarded in mercantile life as energetic and able business men.

THE TROY CITY LAUNDRY COMPANY, No. 9 Clinton Place, Gates H. Barnard, Proprietor.—The representative and most extensive laundry in the metropolis is that known as the Troy City Laundry Company, No. 9 Clinton Place, of which Mr. Gates H. Barnard is the sole proprietor. This laundry was established in 1882 by Mr. Barnard, who has secured the best class of trade from the start; and both as regards the practical skill and experience of the proprietor, and his facilities for the prompt filling of all orders, we know of no similar establishment so well equipped. The premises occupied comprise a superior three-story and basement building, 25x100 feet in dimensions, on Clinton Place, with two spacious floors, 25x125 feet in area, at No. 14½ Broadway for family washing. The various departments are fully supplied with the latest improved laundry apparatus and machinery necessary for the successful prosecution of this useful industry. One hundred and twenty experienced operatives are employed, and the machinery is driven by a 40-horse-power steam-engine and 75-horse-power steam-boiler. The system which pervades this popular establishment leaves nothing to be desired, each department being carefully supervised, and the result is the turning out of the best work at prices that cannot be rivalled by any contemporary concern. The Troy City Laundry Company has for several years secured the patronage of the principal hotels, restaurants, families, etc., in New York and the neighboring cities, always giving entire satisfaction to the most critical customers. There are upwards of 250 agencies established in various parts of the country, who ship goods to this company regularly. Mr. Barnard was born in Vermont. His laundry has obtained an excellent reputation in all sections of the city and its vicinity for promptness, cheapness, and the thorough and careful execution of all work entrusted to it, and without doubt is the best equipped and managed establishment of its kind in the country.

JOHAN P. BOLTON & SON, Merchant Tailors, No. 252 Broadway.—One of the houses which has been foremost in promoting the standard of elegance in gentlemen's attire, that of Messrs. John P. Bolton & Son, is of special importance. This house was founded by Mr. John P. Bolton in 1868. Mr. Bolton is a native of Ireland, and has resided in this city since 1857. In 1885 he took into partnership his son, Joseph M. Bolton, who was born in this city. The premises occupied consist of an elegantly-appointed store, 25x60 feet in dimensions, and a competent force of skilled and experienced hands are permanently employed. The house is widely known for the marked good taste displayed in the selection of the stock, which is unsurpassed in the city as to quality and style of goods. The goods consist of fine cloths, cassimeres, and suitings of their own importation, of every variety of the latest styles of the day, in stripes, plaids, checks, mottled, and other designs, which are manufactured to order at moderate prices, and in style after the latest fashions.

HOFF BROS. & HERRING, Sole Manufacturers of Hoff's Patent Seamless Leather Cases, etc., No. 87 Fulton Street.—An establishment that has ever borne a reputation of the most enviable character for the superiority of its productions is that of Messrs. Hoff Bros. & Herring, sole manufacturers of Hoff's patent seamless leather cases, medicine chests, sample cases, sporting goods cases, and leather cases of every other description. The business of this concern was originally founded in 1830, by Mr. Henry



Hoff, and it was conducted by him with uninterrupted success until 1875, when his death occurred, after a long and most useful career, and he was succeeded by his sons, Messrs. Henry and Augustus Hoff, and James Herring, under whose energetic management the industry has been continued with unabated prosperity. The premises occupied are equipped with every convenience and appliance for the prosecution of the business. A very heavy stock is carried to meet the requirements of the trade and the public, the goods being made of the finest selected materials in the most finished manner. Both a wholesale and retail trade is supplied, and orders from any part of the United States are filled at the shortest notice, while the prices are made as reasonable as possible. The Messrs. Hoff are natives of this city. Mr. Herring was born in England, but has lived in New York for the past nineteen years.

S. O. WHITMORE, Mens' Furnishing Goods; Shirts Made to Order; No. 61 Fulton Street.—This noteworthy concern was founded in 1870 by the present proprietor, who has by close attention to business put the trade of his house upon a substantial and permanent footing. The handsomely furnished salesroom, 25x60 feet in dimensions, is one of the most attractive business places in the city. It is filled to its utmost capacity with a complete stock of the choicest goods, embracing the finest line of fine underwear, neckwear, laundered and unlaundered shirts, scarfs, cuffs, collars, hosiery, gloves, umbrellas, etc., and the prices are always the lowest in the trade for superior goods. This is the headquarters in this section of the city for celluloid collars, cuffs, and bosoms, and a special feature of the business is the repairing and covering of umbrellas. Shirts of the best grade are also made to order, and in each case satisfaction is guaranteed. Several assistants are kept busy in attending to customers. Mr. Whitmore is a native of Ithica, N. Y., and for over thirty years has resided in the metropolis.

W. M. H. LUSK, Bounty and Pension Claim Agency, No. 12 Centre Street.—This gentleman maintains a position in the front rank of his profession, having been actively identified therewith for upward of twenty-five years. From 1865 to 1870 he was manager for the firm of Nettleton, Gilbert & Camp, succeeding to the control of the business in the latter year, and in 1882 succeeding also to the business formerly conducted by Theo. D. Valentine. In prosecuting a bounty and pension claim

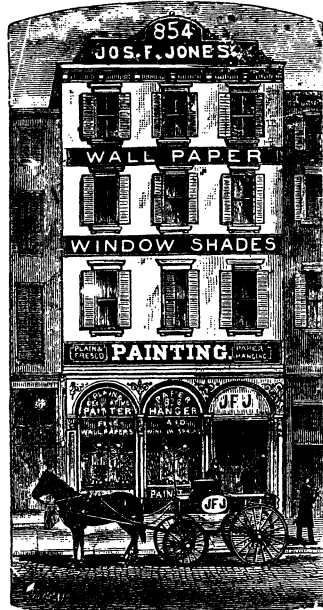
agency, Mr. Lusk is one of the reliable, well-equipped members of the profession in the city, and is engaged in the successful prosecution of all claims of this character against the United States. He is thoroughly familiar with all the laws, rules, and regulations necessary to be complied with in the establishment of such claims, and his papers, filed in the interest of his clients, are models of accuracy, wisdom, and perfect understanding of the case in hand. No attorney is better known at the U. S. Pension Office, and none can secure fairer treatment or more prompt consideration of their cases. His many clients in all parts of the country will bear testimony to his zeal and success in championing their cause, while his fees are invariably fair and just. His services are rendered with promptness, skill, and fidelity. Mr. Lusk was born in Rockland County, N. Y., is in the prime of life, and well and favorably known in the social, business, and professional circles of this city.

T. HOMAS I. SIMPSON, Brass and Galvanized Hardware, Sail Makers' Goods, etc., No. 94 John Street.—The manufacture of brass and galvanized hardware and sail makers' goods has for several years been an important specialty in the hardware trade. A prominent and successful house in New York engaged in this useful and growing industry is that of Mr. Thomas I. Simpson, whose office and salesrooms are situated at No. 94 John Street. The factory of the house, which is admirably equipped with the latest improved automatic machinery, tools, and appliances, is located in Pearsalls, L. I. Mr. Simpson, who is a thoroughly able and qualified hardware manufacturer, established this business in 1876, since which period he has built up an extensive and permanent patronage. The New York warehouse is a superior four-story and basement building, 25x70 feet in area, fully supplied with every convenience and facility for the successful prosecution of the business. In the factory and warehouse Mr. Simpson employs forty operatives, etc., and his trade now extends throughout all sections of the United States and Canada. Mr. Simpson manufactures largely brass and galvanized hardware and sail makers' goods, and deals also in calkers' and coopers' tools, ship hardware, and chandlery supplies of every description. Mr. Simpson was born in Brooklyn.

T. HE NEW YORK STEAM LAUNDRY COMPANY; Hotel, Restaurant, Steamship, and Railroad Work, No. 230 East Thirty-seventh Street.—The widely known and reliable New York Steam Laundry Company was established in 1867, and in 1880 was duly incorporated with ample capital. The officers of the company are T. E. Sloan, Treasurer, and James H. Munson, Secretary and Manager. The premises occupied comprise a spacious four-story building, 25x100 feet in dimensions. The workrooms are fully equipped with all the latest improved laundry machinery, apparatus, and appliances, while employment is given in the various departments to seventy experienced operatives. The system which pervades this establishment leaves nothing to be desired, each department being carefully supervised. The New York Steam Laundry Company makes a specialty of hotel, restaurant, steamship, and railroad work. This laundry does all the Wagner Palace Car Company's work between New York and St. Louis, and has obtained an excellent reputation for promptness, cheapness, and the careful and thorough execution of all work. Mr. James H. Munson, the manager, has had great experience in laundry work. He is a member of the Seventh Regiment, N. G. S. N. Y., and is one of our progressive and public-spirited citizens.

C. MONKS, Signs, No. 3 West Third Street.—Established in 1852, this was the first house to invest and make brass and metal signs, and is to-day the oldest sign-maker in the State. Occupying the second floor at above number, having an area of 20x60 feet as a factory and office, this concern keeps four skilled mechanics constantly at work filling orders for all shapes, sizes, and designs of signs, painted, engraved, and silver-plated. The trade is all done in the city and vicinity, and a large stock of metal plates are kept on hand to fill orders, this house turning out the finest work in its line in the city, and for uniqueness and richness of finish, cannot be surpassed. Mr. Monks was born in England, but came to this city in 1852, and has lived and carried on his business here since. He is a thoroughly practical man, and understands his trade in every particular, always giving his business strict attention. No work leaves his establishment without meeting his approval. He enjoys the confidence of those with whom he does business, and is popular among a select set of social acquaintances.

J. F. JONES, Painter and Decorator, No. 836 Sixth Avenue.—One of the largest and best-known paint and decorative establishments in the central part of the city is that of Mr. J. F. Jones, which has been in existence for the past seven years, and during this lengthy period has secured a liberal share of public favor and numbers among its permanent patrons the best-known residents of the community. Mr. Jones employs several experienced assistants, and all orders for painting and decorating are promptly attended to and the work required is efficiently executed. He occupies eligibly located and attractively appointed quarters at the above address, and a large and varied stock of the latest designs in



artistic wall-papers, dados, friezes, etc., is excellently displayed, and selections made therefrom cannot fail to please the most fastidious taste in design, quality, finish, and cost price. Mr. Jones is also the proprietor of a branch establishment located at the junction of Seventh Avenue and Fiftieth Street, and both of his stores are the chief centres of trade for a large and discriminating patronage. He handles only wall-papers, decorative materials, and paints of the best manufacture, and guarantees strictly first-class work to all patrons. He is a native of New York city, and has lived in the metropolis during his entire life. He is popular in business circles, and highly rated among the most reliable and popular painters and decorators in the city.

THOMAS JONES, Paper Ruling, Padding, and Book-binding, No. 54 Vesey Street.—Book binding may perhaps be classed among the few mechanical arts in which the United States has maintained an inferior rank to the Old World up to a comparatively recent period. Within the past quarter of a century or so, however, very notable progress has been made in this direction here, and the work turned out in a strictly first-class concern in this line to day in New York is probably not surpassed for general excellence in any city in the world. Among those who have established a reputation for fine work in the binding and kindred lines in this section of the city may be mentioned the name of Thomas Jones, bookbinder, paper ruler, label cutter, etc., whose ample and well-equipped shop is located at No. 54 Vesey Street, and who is in all respects one of the foremost exponents of the art in this vicinity, while his patronage is of a very substantial and flattering character. Mr. Jones is a practical and expert workman himself, with many years' experience in the exercise of his art, and prior to going into business on his own account had been connected with the old and well-known establishment of Boorum & Pease, in Reade Street, where he acquired his skill, for many years. Being thoroughly conversant with the trade in all its branches, and a man of push and

enterprise, Mr. Jones started in business for himself in 1879, moving to the present commodious quarters in May last, and from the first his efforts have been attended with uniform and gratifying success. The premises here occupied comprise two floors, 25x100 feet, and are supplied with ample and excellent facilities, and completely equipped in every respect with the latest improved machinery, devices, and general appurtenances, while upward of twenty expert hands are employed. Book and pamphlet binding of every description is executed in the most superior and expeditious manner, quarter-bound bindings being a specialty, while paper ruling, padding, and label and paper cutting also are attended to in the most excellent style, and altogether the trade of the concern, which extends throughout the city and suburbs, is at once large and flourishing.

C. KNAUER, Manufacturer of Gilt and Colored Moulding and Dealer in Silver Leaf, No. 102 Centre Street.—C. Knauer, the well-known manufacturer of gilt and colored moulding, and dealer in silver leaf, has had a practical experience of thirty-two years in this line of industry, and established himself in the business here in 1871. His business premises are spacious and commodious, completely fitted up for rapid and systematic production, and employment is given to a dozen skilled and expert hands. The house has steadily maintained a high reputation for the superior excellence of the work turned out, and the uniform satisfaction rendered to those having business relations with it. These efforts meet with the hearty appreciation of the trade, everywhere, and the goods are held in high favor wherever introduced, being in heavy and increasing demand in all parts of the United States. The prices which prevail are such as add materially to the popularity of the house among all classes of buyers, and successfully challenge competition. Mr. Knauer is a native of Germany, a resident of this country for forty years, still in the prime of life, and known in this city as a useful and honorable citizen, and a reliable, responsible, and sound business man.

L. SCHONBERGER, Steam and Job Printer, No. 27 Centre Street.—Few among the many excellent printing establishments that have sprung into existence within recent years in this vicinity have been attended with more gratifying success than the popular and reliable concern conducted by L. Schonberger, steam and job printer. M. Schonberger, who is a young man, was born in Hungary, where he mastered the arts, and has been in this city about five years. Being a man of push and foresight as well as a practical and expert printer, with over fifteen years' experience at the case, Mr. Schonberger embarked in business on his own account here two years or so ago, and soon established himself in popular favor and patronage. He occupies ample and compact quarters, and has complete and excellent facilities for executing large or small orders, including steam power, several presses and a full and fine outfit of type and everything pertaining to a well-ordered printing establishment. General job printing of every description, including pamphlet and catalogue work, is done with neatness and despatch, fine mercantile printing of all kinds receiving special attention, and four or more experienced hands are employed.

WALTER H. HUTCHINS, Receiver and Wholesale Dealer in Fine Grades of Butter, Cheese, Eggs, Poultry, Game, etc., No. 28½ Greenwich Street.—In the wholesale commission trade in dairy products, etc., there are none having a higher reputation than Mr. Walter H. Hutchins, successor to Mr. Lorenzo W. Carryl, who established the business in 1880, and carried it on four years. During the time it has been under the control of Mr. Hutchins he has increased the facilities and extended the trade, and through his connections in the States of New York, New Jersey, and the West he is constantly in receipt of consignments of the choicest and best grades of creamery and dairy butter, cheese, and also poultry, game when in season, eggs, etc., for which he finds a ready market. Mr. Hutchins has had many years experience as a receiver and wholesale dealer in farm and dairy products and is prompt and reliable in all transactions. He is a native of Providence, R. I., and during a long residence and successful business career in New York has become widely known in commercial circles, and has attained a prominence in the trade in which he is engaged, placing him in the front rank among those whose operations are conducted upon sound, substantial, honorable business principles. Ample accommodations are afforded for storage purposes, the premises occupied by Mr. Hutchins having an area of 25x80 feet, and are complete in all arrangements to facilitate transactions.

EDWARD C. WHITE, Brass and Bronze Works, No. 531 West Thirty-third Street.—The natural sequence to the enormous development of railroad enterprises in all parts of the United States is an ever-growing demand for railway castings and other special supplies. New York, with its extensive manufacturing facilities, has long held a representative position in this branch of trade. Prominently identified therewith are the Brass and Bronze Works of Mr. Edward C. White, located at No. 531 West Thirty-third Street. These works were established here in 1835, and consist of a two-story brick building, 25 by 65 feet in dimensions, fully equipped with all the latest improved machinery, tools, and appliances requisite for the systematic and successful conduct of the business, and steady employment is given to fourteen skilled and experienced hands. Mr. White makes a specialty of heavy castings of all descriptions for railroads, engines, and machinery, and the output is recognised wherever introduced and tested as unsurpassed for smoothness and quality of metal, practical utility, and thorough reliability, by the products of any house in the country. The castings here manufactured can be implicitly relied upon in every emergency requiring strength, durability, and perfect workmanship, and railroad companies, machinists, and manufacturers requiring these productions cannot do better than give their orders to this trustworthy house, where they will obtain advantages difficult to be secured elsewhere. The trade has already reached extensive and gratifying proportions, extending throughout the entire United States, and is steadily increasing in magnitude and importance under enterprising and reliable management. Mr. White is a native of Ohio, a thoroughly practical and experienced manufacturer, and highly regarded in mercantile and manufacturing circles for his business capacity, skill, and integrity.

P. SHARKEY, Anwanda Club Stables, No. 239 East Twentieth Street. P. Sharkey, Undertaker and Embalmer, No. 351 Second Avenue, between Twentieth and Twenty-first Streets.—One of the most popular stables in New York city is that of Mr. P. Sharkey, known as the Anwanda Club. This enterprise was inaugurated in 1867, and has always commanded a liberal and influential patronage. In 1881 Mr. Sharkey added the business of an undertaker and embalmer, locating at No. 351 Second Avenue, between Twentieth and Twenty-first streets. The livery and boarding stable is a two-story building, of brick, 25x80 feet in size, thoroughly equipped with every requisite, well ventilated, lighted, and drained, and affording superior accommodations for the systematic prosecution of the business. The proprietor keeps a fine stock of horses for livery, and turns out some of the most stylish equipages to be seen in this section of the city. Horses are received for boarding at very moderate rates. As an undertaker and embalmer he possesses unsurpassed facilities for prompt and successful service, and carries at all times a full line of coffins, caskets, robes, and funeral requisites, which are offered at moderate prices. The most approved methods are used in embalming, and every call is promptly answered. Mr. Sharkey was raised in this city, and is a member of the K. of H., and of excellent standing in the business community.

MAURER & MILLER, Commission Dealers in Poultry, Game, Fruits, Butter, etc., Nos. 9, 11, 13, and 15 Fulton Market.—Messrs. Charles Maurer and Martin Miller are accounted among the most popular and responsible of the commission merchants of the metropolis, and they bring to bear upon their enterprise an experience covering a period of thirty-five years in their line of trade. The business had its origin in 1857 under the firm style of Charles Maurer & Co., and this style was changed in 1883 to the present one—Maurer & Miller. Both members of the firm are natives of New York State, and in business and financial circles they have an enviable reputation. They occupy Nos. 9, 11, 13, and 15 Fulton Market, and here they display constantly an extensive and choice stock of poultry, game, fruits, butter, etc., which are offered at prices that are not excelled by those of any other concern in the city. The firm are daily in receipt of consignments, and their stock is consequently kept fresh and attractive, and dealers and others can always depend upon the goods obtained here being wholesome and in price the lowest. A specialty is made of supplying hotels and vessels, and all orders are given prompt and satisfactory attention. Controlling a large distributing trade, the firm have the best of facilities for quickly disposing of all consignments made by producers who are assured of immediate and remunerative returns.

No firm in the trade ranks higher than that of Messrs. Maurer & Miller, and personally the copartners are, outside of their business relations, regarded as estimable citizens.

CHAS. CROOK, Machinist, Pattern, and Model Maker, Mechanical Drawings and Designs, Manufacturer of Butter-box Machines, etc., corner Centre and White Streets.—Among those who have established an A1 reputation for skill and ability in this line in New York may be mentioned the name of Chas. Crook, machinist, pattern, and model maker, and mechanical engineer. Mr. Crook, who is a gentleman of middle age, was born in Sweden, but has resided in this country since 1857. He is a practical and expert machinist, and is also a thorough pattern and model maker with thirty-odd years experience as a mechanical engineer, and is, in short, a complete master of the art in all its branches. Being a man of energy and enterprise as well as skill and experience, Mr. Crook established himself in business here fifteen years ago building up in a short time a large and highly flattering patronage. The premises occupied, which are compact and ample, are supplied with steam power and all necessary appurtenances, while four competent assistants also are employed. Mechanical drawings and designs are executed in the most accurate and reliable manner, and machinery of all kinds is constructed, while patterns and models, both in wood and metal, are made in the best style of the art, special attention being given to patent-office, experimental, and working models. Mr. Crook also manufactures butter-box machines for the trade, his patronage reaching all over the city, State, and adjoining States.

E. PRITCHARD, Manufacturer of Grocers' Sundries, No. 508 Greenwich Street.—Among the leading establishments in this line on the west side of the city may be mentioned that of E. Pritchard, manufacturer of grocers' sundries, and sole proprietor of the Morristown catsup and the Windsor and walnut sauces, whose products have secured an enduring hold on popular favor owing to their superior flavor and quality, and as a consequence these goods are in steady and extensive demand in the trade throughout the country. This business was established in 1879, and the positive and permanent success that has attended the enterprise from the start abundantly attests the excellence of the goods manufactured. The business premises are large and spacious, and are neatly fitted up and admirably kept, while a heavy and first-class assortment of sauces, catsup, condiments, and grocers' sundries are constantly carried in stock. A large force of help are employed, while delivery wagons are in steady service supplying customers throughout the city and suburbs, and the trade of the concern, which is wholesale entirely, is of a very substantial character, and extends all over the United States. Mr. Pritchard is a native of this city, and a young man of push, enterprise, and business ability.

GEORGE W. WICKS & SON, Manufacturers of Cast Steel Rolls, No. 174 Centre Street.—A noted old established manufacturing house is that of Messrs. George W. Wicks & Son, makers of all kinds of cast-steel rolls. This concern had its origin in 1849, when it was founded by the senior member of the present firm, Mr. George W. Wicks, who began business here then. He afterward formed a partnership under the style of George W. Wicks & Co. This firm was reorganized in 1881, and through the change became George W. Wicks & Son. Both members of the firm have been identified with the trade all their lives, and are thorough masters of their business. They make a specialty of manufacturing cast-steel rollers for the jewelry manufacturing trade, but are general machinists, and engage in the construction and repairing of all kinds of machines. They occupy spacious premises, which are equipped with all necessary tools and appliances of the most modern and efficient character. Constant employment is afforded to ten skilled and experienced workmen, and the firm are prepared at all times to execute all orders promptly and satisfactorily at reasonable charges. The concern is one of the oldest and most reputable in its line in the metropolis, and its business connections extend to all parts of the Union. The standing of the firm in mercantile circles is of the highest, and patrons can always rely upon having their orders filled to the letter and upon terms not excelled by those of any other concern in the trade. Both members of the firm are natives of the city.

THOMAS D. STETSON, Patent Solicitor and Expert, No. 23 Murray Street.—Mr. Thomas D. Stetson for nearly a third of a century has been well known as a patent solicitor and expert. Born in Massachusetts, he came to New York thirty-five years ago, and in 1855 he began business in what was then the Brick Church Chapel, where the *Times* building now stands. It was at a time when the fertility of American genius was beginning to be made manifest in the patent office, and in the number of patents issued. The total number of patents issued prior to his commencement was less than is now issued in a single year. He early earned a high reputation for his ready grasp of the underlying principles of any invention or improvement, and his energy in pressing forward his clients' cases to a favorable decision, and he is now consulted more successfully than any other solicitor in the city. Mr. Stetson will give an opinion as to the patentability of an invention without charge (an important fact that should be widely known), and offers his skilled professional assistance in all matters relating to protection for inventions, and realizing profit therefrom, viz.: Caveating, searching in novelty, securing patents in this country, contesting interferences, inviting public attention, preparing assignments and licenses, reissuing defective patents, advising on validity, scope and infringements; protecting aesthetic devices, such as designs; also commercial devices, such as trade-marks and labels, arbitrating, serving as expert before the courts, securing patents and conducting oppositions in foreign countries, and counselling at all stages on exclusive rights. Among the numerous important cases which Mr. Stetson has brought to a successful issue are many for the world-renowned B. B. Hotchkiss, who recently died in Paris; many for the eminent Fairbanks concern, especially in extending their railroad track scale patent; Sir William Thomson, in patenting the Atlantic telegraph instrument; Capt. Barker, in patenting the universal marine signals; Mr. George H. Corliss, in patenting the novelties in his famous steam-engine improvements; Mr. William Corliss, in patenting the burglar-proof safe, and D. O. Francke, of Sweden, in patenting the acid process in paper-pulp manufacture. He represented the hair-cloth manufacturers in defeating before Congress the extension of the Lindsley selector patents. Mr. Stetson is particularly eminent as a practical mechanic, and, understanding the theory of mechanical subjects generally, is frequently called before the courts as an expert on suits relating to infringements of patents. Mr. Stetson's offices are a perfect storehouse of practical references and information of all kinds bearing upon patents and inventions. His special indexes and abstracts cover the leading branches of the arts, accumulated as the results of his long years of active practice, while here is a liberal space for consultations, etc. Mr. Stetson's skill and experience in securing foreign patents for American inventions are unsurpassed by those of any rival in his profession. In 1859 he commenced to issue a series of blanks for sales of patents in whole or in part, and for licenses under the same, which are recognized as being the best forms in use. Mr. Stetson has also made his mark in the literary and scientific world, and is a cultivated and pleasing writer. He was formerly editor of *Appleton's Mechanics' Magazine*. He was for several years the popular and efficient president of the Polytechnic Branch of the American Institute. His business connections are very extensive, and from six to eight assistants are required to meet the demands of his clients.

BAHMANN & HOEHN, Manufacturers and Importers of every kind of Hydrometers and Thermometers, etc., No. 44 College Place.—One of the foremost among the leading representative houses in New York is that of Bahmann & Hoehn, importers and manufacturers of hydrometers, thermometers, and druggists' and chemical glassware. The house has been established since 1871, and for about ten years was conducted by Bahmann & Hoehn, and afterward by Bahmann, Hoehn & Co., and in 1881 the present firm; composed of Frederick Bahmann and Wm. Rudolph Hoehn, was formed. Commodious premises, 25x80 feet in size, are occupied, and an extensive trade is conducted, derived from all parts of the United States. The firm manufacture and import every kind of hydrometer and thermometer for chemists, distillers, farmers, and dairy use, and also self-regulating fever thermometers, making a specialty of their own patent twist fever thermometers, and druggists' and chemical glassware of every description, and are special glass blowers for chemical apparatus, etc., and are also sole agents for America of Ludwig Mueller's (Uri) celebrated German artificial eye.

An immense stock of shelf goods and hydrometers and thermometers of every kind, and also flint glassware, is always kept on hand, and from fifteen to twenty clerks and work-people are employed. Both members of the firm are of German birth. Mr. Bahmann has resided in New York for fourteen years, and Mr. Hoehn since 1878.

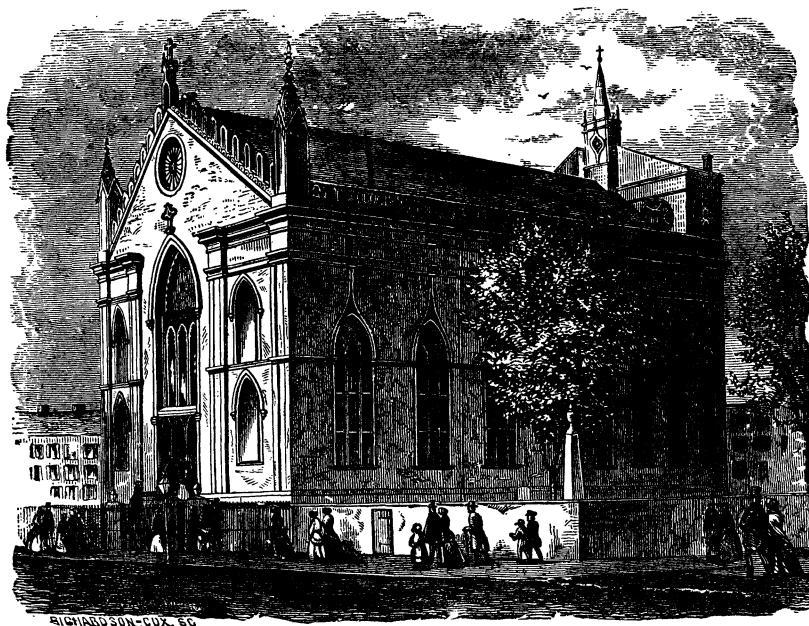
GARRETT P. WRIGHT & SON, Wholesale Dealers in and Planters of Oysters; Depot, Boat No. 12, Foot of Perry Street.—One of the most popular, old-established houses engaged in planting and dealing in oysters is that of Messrs. Garrett P. Wright & Son, wholesale dealers in and planters of oysters. This business was established in 1847 by Garrett P. Wright & Co., who conducted it till 1882, when the present firm succeeded to the management. Mr. Garrett P. Wright, the senior partner, has had great experience, and has been planting oysters for the last half century. He is now ably assisted by his son, Mr. Garrett P. Wright, Jr., who has been brought up in the oyster trade. The firm employs numbers of vessels, and deals extensively in all kinds of the finest oysters and clams. They plant and raise their own oysters, and offer superior inducements to the trade, both in prices and quality. Their barge is a three-decker, and is fitted up and furnished with every appliance and facility for the successful prosecution of the business. Both partners are members of the New York Oyster Dealers' and Planters' Association. The trade of this progressive and reliable firm extends throughout all sections of the United States, and the firm likewise export largely to Europe.

JAMES MACHELL, Diamonds, Watches, Jewelry, Silverware, etc., No. 25 Park Place.—In expatiating upon the jewelry trade of the metropolis we desire to call attention to the house of Mr. James Machell, of No. 25 Park Place, who is conducting a useful, extensive, and influential business as a general wholesale and retail dealer in goods of this character. Mr. Machell founded his enterprise in 1880, and through his thorough knowledge of the requirements of the trade and the public has developed a substantial patronage of an extensive and permanent character, while he has built up a first-class reputation based on the superiority of the goods handled by him and the honorable methods that have ever governed his transactions. The extensive salesroom which forms his headquarters is excellently arranged and is filled with a heavy stock of the choicest merchandise, the assortments including diamonds, gold and silver watches, jewelry of every description, silverware, opera glasses, albums, books, and plush and leather goods in profuse variety; also a fine line of optical goods. A specialty is made of supplying these goods to agents who sell on the installment plan, and thus persons of moderate means can become possessed of any desired article in the list named, through these agents, or direct from the house itself, at terms that cannot but prove satisfactory. Mr. Machell, the projector and active manager of this deserving enterprise, is a native of Manchester, England, but has resided in New York for the past twenty years. During this period his interests have become thoroughly centred here, and he has become a most esteemed merchant and worthy citizen.

A. G. BOLTON, Hot-air Furnaces, Cooking Ranges, etc., No. 1673 Broadway.—A well-known popular business man up-town is Mr. A. G. Bolton, who for the past twenty years has been engaged in business as a dealer in hot-air furnaces and cooking ranges and has on sale a general assortment of all kinds made by the most noted manufacturers in the country. Mr. Bolton's long experience in the business enables him to meet the demands of his patrons and the public, and his knowledge and judgment will be found advantageous to those about making a purchase of these household necessities. He is a courteous, polite, agreeable gentleman enjoying a wide reputation as a business man and numbers among his patrons many of the best families up-town. He also sets, cleans, and repairs furnaces and ranges and roofs and leaders, and does all kinds of tin and sheet iron work and keeps on sale a general line of register ventilators, chimney tops, and tinware and house-furnishing goods generally. Born in Scotland, Mr. Bolton came to New York over a quarter of a century ago, and has since been identified with the business affairs of the city. He is a thorough, competent workman and keeps in his employ from five to ten hands, and is prompt in his attention to orders, the work being done under his immediate supervision. The store occupied is 20x40 feet in area, and every facility is at hand for manufacturing and business purposes.

MARK MAYER, Shirt Maker; Mens' Fine Furnishing Goods; No. 100 Fulton Street; Branch No. 142 Nassau Street, Morse Building.—The name of Mark Mayer is prominently identified in this city with the shirt manufacturing industry and the trade in the finest grades of mens' furnishing goods. He established the business here in 1874, conducting the same with steadily-increasing success until September 17, 1887, when the business was incorporated under the laws of the State of New York, with Mr. Mayer as president, and F. E. Whipple as secretary. Their headquarters are at No. 100 Fulton Street, with branches at No. 142 Nassau Street, and "The Universal," Brooklyn. Shirt manufacturing, ever the prominent specialty of the house, is still the leading feature, and the very best class of fashionable trade is controlled throughout this city and the surrounding country. This is generally recognized as the one place above all others to order fine dress shirts at the lowest prices. The house is in a position to successfully defy competition, as regards material, fit, style, and price, and those of our readers who have not been suited as to fit or fineness of quality are earnestly recommended to leave their measure here. Fifty skilled hands are employed in this department and the output is one of great magnitude and importance. It is hardly necessary to add that the stock here displayed is one of the most complete and best deserving of at-

and reliable house of John A. Fletcher has already attained an excellent standing in the trade. This flourishing business was established on February 1, 1887, by the firm of Fletcher & Day, who conducted the same up to the following November, when it passed into the sole control of Mr. Fletcher, who has since continued it alone with uninterrupted success, handling a very superior line of goods, and selling for the lowest prices. The salesroom, which is situated on the second floor of the building, is 25x80 feet in dimensions, and is neatly ordered, while a heavy and first-class assortment is constantly carried on hand to meet the requirements of the steady and rapidly-growing trade. The stock comprises superb lamps, globes, shades, and lamp goods in great variety, including the handsome and excellent "Perfect" lamp, clocks in unique and artistic designs, beautiful silver-plated ware of every description, art novelties, small wares, notions, fancy articles, elegant albums, subscription books, cutlery, household specialties and a multifarious assortment of useful and ornamental articles, while four efficient clerks and salesmen attend to the wants of customers, and the trade of the house extends all over New York city and State and throughout the adjoining States. Mr. Fletcher is a native of Philadelphia and a resident of this city about two years, and sustains an A1 reputation in commercial life.



1860—Old St. Patrick's Cathedral, Mott Street.

tention from the public to be seen in the city. It embraces the newest shades and patterns in hosiery, a beautiful assortment of stylish ties and cravats, including the most tasteful and beautiful combination of colors adapted to the requirements of all classes of patrons; white and ornamental colored linen handkerchiefs, silk, merino, and lamb's-wool underwear, and all the choicest importations of gloves and suspenders, rich dressing gowns, smoking-jackets, umbrellas, and canes. The prices which prevail are such as to preclude successful competition and the business is in a flourishing condition, being managed circumspectly and judiciously in all its departments, and the public want being ministered to with eminent satisfaction. Mr. Mayer and Mr. Whipple are both natives of the city of Brooklyn, thoroughly experienced in catering to the demands of the community in this direction of trade, and gentlemen of substantial reputation and wide popularity.

JOHAN A. FLETCHER, Dealer in Household Essentials, No. 90 Warren Street.—Although one of the younger establishments devoted to this branch of mercantile activity in the metropolis, being only one year in existence, the admirably conducted

WKELLY, Harness and Collar Manufacturer, No. 487 Greenwich Street near Canal.—For nearly forty-odd years Mr. Kelly, the well known and popular harness and collar manufacturer, has been in continuous and successful exercise of his art in this vicinity. Mr. Kelly, who was born in Ireland but has been in this country since 1846, is a practical and expert harness maker, and is a thorough master of the art in all its branches. He established himself in business hereabouts in 1849, and from this period to the present day has maintained an enduring hold on public favor. He occupies a neat and well ordered 20x70-foot store and shop, and employs several skilled workmen. Light and heavy harnesses of every style and variety are made to order in the most prompt and superior manner, only A1 work being turned out here, and repairing also is executed with neatness and despatch. He refers to Acker, Merrill & Condit, Park & Tilford, Colgate & Sloan for superior work and reliable goods. The stock includes fine harness of every description, collars, saddles, etc., also horse-clothing, whips, blankets, sheets, robes, fly-nets, combs, brushes, sponges, chamouis and kindred articles, and altogether Mr. Kelly receives a very liberal and substantial patronage.

R. C. BROWN & CO., Principal Distributing Agents of Straiton & Storm's Segars, No. 21 Murray Street.—The firm name of "Straiton & Storm" is a veritable household word—the most valuable trade-mark of any in the cigar trade, and pointing distinctly to the impressive fact that the above concern is the leading manufacturer of cigars on the continent. The vast demand for the reliable, fragrant goods of the house of Straiton & Storm has resulted in the development of the greatest manufacturing interests of the kind in the world; and New York thus benefits by being the location of this great industry. The firm of Messrs. R. C. Brown & Co. are the principal distributing agents for the product of the mammoth concern, and annually handle more cigars than any other house in the trade. Mr. Brown, the popular and enterprising representative, commenced in business in 1872, and is one of the most experienced wholesale dealers and authorities in the market. He has made a close study of the wants of the trade, and has in stock by far the most varied and comprehensive assortment of styles, sizes, and grades, so as to be the best prepared of any to satisfactorily meet the most exacting requirements. He occupies very extensive premises, comprising three floors at No. 21 Murray Street, 25x100 feet each, fully stocked with the numerous brands of the Straiton & Storm cigars. From here emanates the largest shipping trade in cigars on the continent, Messrs. Brown & Co.'s connections being the most influential and widespread of any. Here are sold solely to dealers all the hundreds of popular brands manufactured by Messrs. Straiton & Storm, from goods ranging as low as \$10 to \$20 a thousand up to such famous exquisite goods as factory "Londres Grande" at \$65 per thousand, "Dauphin" bouquets at \$75 per thousand, "Prince Imperials" and "Epicures" at \$68; "Aromaticos," Spanish make of "La Rositas," at \$70; "Royal Owls," "Storm's Straight Ten," etc. etc. Messrs. R. C. Brown & Co. maintains its pre-eminence as the leading wholesale cigar house of the United States on the impregnable basis of efficiency, integrity, and enterprise. They never deceive customers, maintaining the full standard of all brands. They do not charge an extra profit to insure risks such as are taken by nine-tenths of our competitors. All the Straiton & Storm goods are guaranteed, and customers are not allowed to keep goods unsatisfactory to their trade. In a word, Messrs. Brown & Co. make their customers' interests their own, and dealers feel safe in buying from such an honorable, responsible house, realizing that they best meet the wants of their trade, and can permanently develop a profitable and desirable business in their section against all odds. The firm were for some time located at the corner of West Broadway and Franklin Streets, from which point they removed to their present commodious and convenient premises during March of the present year. Mr. R. C. Brown is universally popular and respected, and has ever retained the confidence of leading commercial and financial circles, being a fitting representative of the most extensive and famous cigar manufactory of the United States.

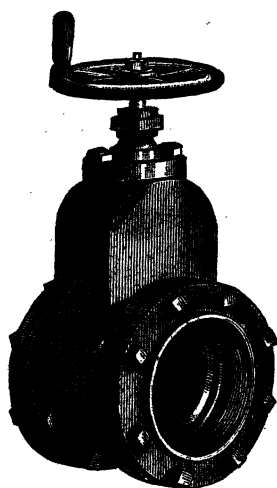
M. SLATER, Manufacturer of Band Instruments, Military Goods, etc., No. 42 Cortlandt Street.—At the present day great numbers of the American public show great discrimination in the art of music, and have also become inspired with the ambition and desire to produce music themselves. Hence we find musical societies, choirs, orchestras, and bands established throughout all sections of the United States, and at the same time manufacturers of all kinds of musical instruments have greatly increased in numbers. Prominent among the number thus referred to is Mr. M. Slater, manufacturer of band instruments, military goods, and importer of musical merchandise, whose office and salesrooms are located at No. 42 Cortlandt Street. Mr. Slater, who is a thoroughly able and practical manufacturer of musical instruments, established this business thirty years ago, since which period he has built up a liberal, influential, and permanent patronage in all sections of the United States and Canada. The premises occupied comprise a spacious salesroom, 25x150 feet in dimensions. This is fully stocked with a splendid assortment of band instruments, drums, cymbals, violins, clarionets, piccoloes, banjos, guitars, flutes, violincellos, double basses, military goods, and all descriptions of musical merchandise. All the band instruments manufactured by Mr. Slater are absolutely unrivalled by those of any other first-class house in the trade for beauty of design, correctness, purity and volume of tone, finish and superior workmanship, and are pronounced by the best well-known musical judges as the finest instruments in the

market. The metal in Mr. Slater's band instruments is specially prepared, so as to produce the finest possible tone. All orders are promptly and carefully filled at very reasonable prices, while all instruments and goods are fully warranted. Mr. Slater's instruments were awarded medals at the American Institute, 1881 and 1882, over all competitors, owing to their superiority and uniform excellence. Mr. Slater was born in England, but has resided in New York for the last forty years, and is highly esteemed by the community for his musical ability, skill, and integrity. He publishes annually a very superior illustrated catalogue, which is forwarded promptly on application.

E. M. GILL, Photo-Electrotyping and Photo-Engraving, Nos. 34 and 36 North Moore Street.—The advances that have been made in the last few years in all that appertains to photo-engraving and photo-electrotyping, are nowhere more noticeable than with regard to what is known as the gelatine wash-out process, and the lithographic process which are in operation at the establishment of Mr. E. M. Gill, Nos. 34 and 36 North Moore Street. By means of these processes non-copyrighted European books are reproduced in fac-simile, and also designs, wood-cuts, plans, maps, etc., an accomplishment beyond the range of possibility an age ago. This house stands foremost in its line in all that pertains to photo-electrotyping and photo-engraving, and has produced some of the finest work in reproducing books in fac-simile in the country. The magnitude of its facilities, and the skill with which they are utilized is evidenced in the accomplishment of such marvellous work as the reproduction of the Encyclopedia Britannica, which is the largest contract ever executed by the photo-engraving process having produced 20,000 plates in exact fac-simile type, pages and all, and furnishing the electrotype plates, all ready for use on patent blocks. With such superior facilities, and with the skill and enterprise necessary for the prosecution of work on such a scale, Mr. Gill stands ready at all times to undertake the most difficult and delicate work with entire satisfaction to the most fastidious patrons. Mr. E. M. Gill founded his enterprise in 1887, and though of recent foundation, he has developed a trade of a large and substantial character. The premises occupied at the address indicated are commodious, and are fully supplied with all the necessary mechanical equipments, chemical laboratories and stereotype-casting facilities. Those advantages have been supplemented in the finishing department, by new and improved machinery. For printing quality, that is to say in their capability of being printed from, the plates produced by Mr. Gill are equal to the best in the trade. The purpose of photo-engraving is to replace the laborious tool handling of the engraver, with the less costly, more energetic, unerring and untiring hand of nature. Fifteen hands are engaged, and these are artists of skill and experience. The whole establishment is under the direct supervision of Mr. Gill, who has obtained an excellent reputation for the faithful manner in which he has performed all work entrusted to him. All orders are filled promptly and with remarkable exactitude, and the charges in all instances are fair and equitable. Mr. Gill is a native of Orange, New Jersey, and is a thoroughly trained and most reliable business man.

S. BROWN & CO., Wholesale and Retail Dealers in Teas, Coffees, etc., No. 324 Spring Street.—This flourishing business was established ten years ago, at the present stand, in the face of considerable competition. From the first a good business was done, for the fact was immediately recognized that, while the goods in which the firm dealt were of the very best, prices were exceedingly low. A very fine line of teas, coffees, sugars, and spices is carried, all goods being carefully selected by Mr. Brown himself. A specialty is made of hotel, restaurant, and boarding-house trade, and in this department the house has a large patronage. The firm's business is both wholesale and retail, principally the latter, and extends throughout the city. A branch store was established several years ago at No. 2305 Third Avenue, and is now doing an excellent business. The premises occupied at No. 324 Spring Street, near Greenwich Street, include a store and basement 25x75 feet in size, and very nicely fitted up. From three to four assistants are kept busy. A wagon is used in filling orders. Mr. Brown is a native of New York City, and was "brought up in the business." He is a young man of exceptional energy and enterprise and rare business tact. In both trade and social circles he enjoys great popularity. The "Co." is nominal.

DAME & TOWNSEND COMPANY, Wrought Iron Pipe and Boiler Tubes, etc., Nos. 76 John and 29-33 Platt Streets. A. A. Dame President.—The trade in steam and gas-fitters' supplies has long been an important specialty, and is surpassed at the present day by no other branch of hardware manufacture, either in extent or value. A representative and old-established house in New York city actively engaged in this useful and growing industry, is that of the widely-known Dame & Townsend Company, whose office and salesrooms are situated at No. 76 John and 29-33 Platt Streets. This business was established in 1849, by James C. Morse, who continued it till January 1888, when it was duly incorporated under the laws of New York with ample capital. The following gentlemen, who are highly esteemed in business circles for their capacity, enterprise, and integrity, are the officers: A. A. Dame, President; R. E. Townsend, Treasurer; Morse Burtis, Secretary. The premises occupied comprise the entire commodious stores No. 76 John Street, and Nos. 29, 31, and 33 Platt Street, which are fully equipped with every appliance and facility for the successful prosecution of the business.



The company employ fifty experienced and skilled workmen, and its trade now extends throughout the principal cities and towns of the United States and Canada. The Dame & Townsend Company deal extensively in wrought iron pipe and boiler tubes, and likewise manufacture all kinds of brass and iron fittings for steam, gas, and water; also steam and water gauges, steam traps, boiling and glue kettles, gate valves, radiators, railway, mill, and engineers' supplies, gas and steam fitters' tools, etc., together with a large number of specialties. All the goods and specialties handled by this responsible company are unrivalled for utility, quality, workmanship and general excellence, and have no superiors in this or any other market, while the prices quoted in all cases are extremely moderate. Mr. Dame is a native of New York, Mr. Townsend of Pennsylvania, and Mr. Burtis of New York. Those interested should make a factor of this enterprising company, which offers advantages and inducements very difficult to be secured elsewhere.

E. WILLARD JONES, Importer of the Latest English Novelties in Gentlemen's Hats, No. 49 Nassau Street.—The widely-known and popular hat establishment of Mr. E. Willard Jones, is distinguished not only for the superior class of its goods, but also as being the oldest house in the city. The business had its inception in 1835, when it was founded by the late Mr. Matthew Bird, and for many years the business was conducted under the style of Bird & Co. During ten years of this time Mr. Jones was the junior partner, prior to becoming the proprietor a little over five years ago. The business has been carried on in its present premises for the past thirty-eight years, and the house has always enjoyed the highest of reputations among the mercantile establishments of the city. The store has a frontage of twenty-five feet and a depth of one hundred feet. It is very handsomely fitted up and admirably arranged and the magnificent stock is effectively displayed. The stock embraces all the latest English novelties in gentlemen's hats, and comprises dress, opera, soft, and straw hats; and besides these a full line of silk umbrel-

las and walking-sticks is always kept on hand. People from Brooklyn, New Jersey, up the Hudson river, and all the near-by cities and towns form the customers of this house, and when they come once they invariably repeat their visit, Mr. Jones winning their confidence and patronage by his efforts to please. He is a native of this State.

A. FREUTEL'S SON, Iron Sashes, Ventilators for Churches and Dwellings, No. 147 Elm Street.—The business now controlled by Mr. A. F. Freutel, under the style of A. Freutel's Son, at No. 147 Elm Street, is one of old foundation, having been established as far back as 1852 by the late Mr. Freutel, who died in 1885, and who was then succeeded by his son, the present proprietor. Mr. Freutel was born and reared in the business, and is a thorough master of all its details. He is engaged in the manufacture and sale of iron sashes and ventilators for churches and dwellings, and also of lead mills for the use of glass-stainers. The premises occupied for the business comprise a three-story building, covering an area of 20x75 feet, and these are finely fitted up throughout and fully equipped with all necessary mechanical appliances for the economical and successful conduct of the business. From ten to twelve skilled and experienced hands are employed in the manufacturing department, and the products of the house are shipped to every part of the United States, and have a high standard value in the markets of the country. A very heavy stock is carried at all times, and Mr. Freutel is always in a position to fill the smallest or largest orders promptly and on terms which cannot fail to give the utmost satisfaction. Personally, Mr. Freutel, who is a native of New York, is a gentleman of push enterprise, and ability, and is held in high esteem by all who have the honor of being acquainted with him and have had dealings with his house.

ISAACS & HEINEMAN, Importers and Exporters Sponges and Chamois, No. 139 William Street.—This firm have been established as importers and exporters of sponges and chamois here since 1883, and are reckoned among the leaders of their branch of commerce in this country. This distinction is accorded them both on account of the facilities which they enjoy for promptly filling all orders, either large or small, and the enterprise and reliability of their business policy. Their premises are spacious and commodious, and are always well stocked with new, choice, and reliable goods, all of which are received direct from the best sources of supply in Europe, and are offered to the trade at terms and prices which are safe from successful competition. The stock is kept steadily up to the highest standard of excellence, by fresh and frequent invoices, and commends its own excellencies to critical and discriminating buyers. The members of the firm are recognized authorities upon the qualities of the goods they handle, and are thoroughly posted as to all the needs and requirements of the trade. Their extensive and influential connections on both sides of the ocean make their establishment a power in the market. The firm is composed of Messrs. M. Isaacs and Joseph Heineman, both natives of this city, of high reputation and thoroughly proficient as merchants and business men.

MELVIN HARD'S SONS, Wholesale Paper Dealers, No. 25 Beekman Street.—Prominent among the old established and enterprising houses dealing in paper, is that of Melvin Hard's Sons, wholesale paper dealers. This business was established in 1847 by Mr. Melvin Hard, who conducted it until 1880, when he died, after a long, honorable, and successful career. He was succeeded by his sons, Messrs. Melvin T. and Frank W. Hard, both of whom have been brought up in the paper trade, and possess an intimate knowledge of every detail and feature of the business and the wants of dealers, jobbers, and large consumers. The premises occupied comprise a commodious store and basement, 25x100 feet in dimensions. The stock is well selected and complete, and embraces full lines of writing, news, book and Manila papers, which are offered to customers at the lowest ruling market prices. Only the best grades of paper are handled, and as the firm control the production of several noted paper mills, the partners are enabled to offer advantages and inducements to the trade very difficult to be secured elsewhere. The trade of this popular and responsible firm extends throughout New York and the adjacent States and is steadily increasing. Both Messrs. Melvin T. and Frank W. Hard are natives of New York city. Their high character is a sufficient assurance that all orders intrusted to them will receive prompt and faithful attention.



WILLIAM S. HICKS, Manufacturer of Gold Pens and Pencil Cases, Nos. 231 to 235 Greenwich Street.—The name of Hicks will ever be honorably identified with the trade in gold pens and pencil cases. As the oldest established manufacturer, Mr. William S. Hicks has not only maintained the leading position in his line, but is noted for his remarkable skill and versatility, and for the originality of design and perfection of his product. He established the present business back in 1848, and during the long intervening period has continued to actively carry it on upon a basis of the utmost efficiency. Mr. Hicks was born in New York, and here learned the trade in which he has achieved such a marked success, and New York city is to be congratulated upon the fact that his gold pens are known and sold in both hemispheres as standard goods for over thirty years past. For a large part of the time Mr. Hicks was located at No. 20 Maiden Lane, until March, 1887, the steady growth of trade, and desirability of superior light, power, etc., caused him to remove his establishment to the fine new building, Nos. 231 to 235 Greenwich Street, corner of Barclay Street. Here he occupies two entire floors, 40x80 feet in dimensions, very handsomely fitted up with fine factory and salesroom. Mr. Hicks is the recognized leading authority on the proper and best method of manufacturing perfect gold pens, and employs a force of from 90 to 100 skilled hands in the various departments of the business. His pens are world renowned for exquisite temper, durable points, beauty of stock, and durability for outlasting all other makes. They have come into use in the leading mercantile and financial circles of New York, London, and all other large cities of the globe, and the universal verdict is that Hicks' gold pens (in their assorted varieties) best suit the purposes of the public at large. He also makes a beautiful class of gold pencil cases, highly ornate and of exclusive original designs nowhere else duplicated. The unique devices, happy conceits, amusing fashions introduced by him have gratified a very large circle of the community that prefers personal belongings of a refined character. In this connection we cannot suggest a better illustration of Mr. Hicks' talents and original ideas than his elegant and striking business card, showing the two hemispheres, his standard gold pen and various novel ideas in gold pencil cases, such as an owl, peg-top, dolphin, acorn, etc., as neat as they are handy and graceful. Mr. Hicks displays a magnificent assortment in his show cases, and sells direct to the trade only, to whom he is known as a prompt, honorable business man, and both the pioneer and leading representative manufacturer of the best gold pens and pencil cases.

D. MANNING, Fashionable Boot Maker, No. 96 Fulton Street, between William and Gold.—The especially marked improvements effected in footwear in this country of late years is one of the notable features of the times. Compared with the rather unshapely and clumsy boots and shoes worn here even a quarter of a century since, the neat fitting and elegant articles turned out to order in a leading establishment in this line to-day are models of art and excellence. And right here it may not be out of place to make special mention of D. Manning, the well known and popular fashionable bootmaker of No. 96 Fulton Street, between William and Gold Streets, and who enjoys an A1 reputation for fine work in this line, ranking among the foremost in the business in this part of the city. The custom work turned out in this reliable establishment is first class in every respect—in fit, comfort, finish, appearance and durability—and for general excellence is probably not surpassed by anything of the kind produced in the metropolis; while a large and complete assortment of fine boots and shoes for ladies', misses', gentlemen's, youths' and boys' wear is carried constantly in stock likewise. The lowest prices consistent with excellent material and superior workmanship also prevail here, and patrons and purchasers can at all times rely upon getting first-class value, satisfactory treatment, and prompt attention at this old and flourishing emporium. Mr. Manning, who is a gentleman in the full prime of life, was born in Ireland and has been in active business over thirty-seven years. He is a practical and expert workman himself, with forty-odd years' experience in the exercise of his art, and is thoroughly conversant with the business in all its branches. Mr. Manning established himself at the present commodious quarters in 1866, and at once won his way to

public favor, building up in a short time a flourishing trade. The store is spacious and neatly appointed, and an exceedingly fine stock is carried, while from six to ten in help are employed; fine custom work being a specialty, and altogether Mr. Manning receives a large and influential patronage.

CHARLES T. HOOPER, Dealer in Fine Engravings, Paintings, etc., No. 76 Nassau Street.—An old-established and noteworthy emporium devoted to the sale of fine art productions in the metropolis is the well and favorably known establishment of Charles T. Hooper, dealer in engravings, paintings, and kindred works of art, which for thirty-one years has maintained an enduring hold on popular favor and confidence. It is, in fact, one of the oldest, foremost and best-ordered stores of the kind in the city, and its history from the inception of the enterprise in 1857 down to the present day has been an unbroken record of prosperity. The business was started in this vicinity, and since 1866 has been conducted in the present commodious quarters without interruption. The premises occupied are spacious and well ordered—a very attractive display being made—and an exceedingly fine assortment is constantly carried, embracing superb steel and wood engravings, beautiful oil paintings, splendid water-color pictures, etchings, colored photographs in great variety, chromos in attractive designs and elegant finish, and an A1 line of fine arts generally, while picture frames of all kinds likewise are made to order in the most artistic manner at short notice. Five polite and efficient assistants are employed and all orders receive prompt and satisfactory attention, the store being connected by telephone (Call, Nassau, No. 418). Mr. Hooper was born in Massachusetts, but has resided in New York since early infancy.

CRANE & MOHR, Opticians and Glass Setters, No. 131 William Street.—Among our leading New York opticians, the pushing and popular firm of Crane & Mohr, manufacturing opticians and glass setters, have secured fast hold on public favor throughout the entire country. The articles leaving this reliable and well ordered concern are of a very superior character in every respect, and for general excellence are probably unsurpassed by anything in this line made in the United States to-day. This enterprising and widely known firm was established about two years ago, and at its very inception may be said to have virtually bounded into prominence and prosperity. They occupy a 25x60-foot factory, which is supplied with ample steam power and completely equipped with the latest improved mechanical appliances, devices, and tools, while several competent assistants are employed also. They manufacture eye-glasses, lenses, spectacles, and a general line of optical goods for the trade, and glass-setting and kindred work is executed in the most accurate and reliable manner, while oculists' prescriptions likewise are carefully and promptly attended to, and altogether the firm have a large and flourishing patronage. Messrs. Samuel A. Crane and Joseph P. Mohr, who are natives of New Jersey and New York city respectively, are both young men of strict integrity as well as push and enterprise, and are practical and expert opticians, with over ten years' experience in the exercise of their art, of which they are thorough masters in all its branches.

HENRY ZAHN, Butcher, Tompkins Market.—Mr. Zahn, who is a native of New York, is a business man of superior ability, and since he founded his enterprise eighteen years ago has developed a large and influential patronage, numbering many leading citizens among his permanent customers. The extent of his business demands the occupancy of twelve stands, and these at all times contain a very large and carefully selected stock of the choicest beef, veal, mutton, lamb and pork, while in their seasons. Mr. Zahn secures his supplies from the most reliable sources, handling none but the best grades, and all goods purchased from him can be depended upon to be the best the market affords. The service is perfect, a force of experienced clerks and drivers being employed, while eight teams are kept busy delivering goods over all parts of the city. Mr. Zahn's career has proved him to be a business man of the most admirable qualifications, and he thoroughly merits the prosperity enjoyed by him.

HARRISON BROS. & CO., Manufacturers of White Lead, etc. No. 117 Fulton Street.—The widely-known and reliable establishment of Messrs. Harrison Brothers & Co., manufacturers of white lead, colors, and chemicals was established in Philadelphia in 1793 by John Harrison, the grandfather of the present proprietors, who succeeded to the management in 1868. The members of this copartnership, Messrs John, George L., and Thomas S. Harrison, have been brought up and trained in their business, and are fully conversant with every feature and detail of the industry. The New York house was founded twenty years ago, and is under the able and careful management of Mr. Clifford Pemberton. Messrs. Harrison Brothers & Co. were the first firm in America to manufacture sulphuric acid, and their house is the only one that produces its own chemicals for colors. The factories of the firm, which have an area of nearly twenty acres and furnish constant employment to four hundred and fifty skilled operatives, are situated in Philadelphia. They are admirably equipped with all the latest-improved apparatus, appliances, and machinery, and are considered by experts as among the most perfect and complete in the world. The premises occupied in New York comprise a spacious store and basement 25x160 feet in dimensions. Here is kept constantly on hand an extensive stock of white lead, colors, and chemicals which have no superiors in the American or European markets, while the prices quoted in all cases are as low as those of any other first-class house. The trade of Harrison Brothers & Co. extends throughout all sections of the United States, and large quantities of their unsurpassed colors, white lead, and chemicals are also exported. The partners are natives of Philadelphia. They are manufacturers that are largely endowed with the qualities that invariably lead to success.

IL PROGRESSO ITALO-AMERICANO, C. Barsotti and V. Polidori, Editors and Proprietors, Nos. 2 and 4 Centre Street, (Staats Zeitung Building).—A large portion of the population of New York, consists of the sons and daughters of sunny Italy, and until 1881, the Italian residents in the metropolis had no daily newspaper to represent their interest, and no bank managed solely by their own countrymen, and through which they could have monetary transactions with their native land. In that year, Mr. Carlo Barsotti founded the Banca Italo-Americano, and, in conjunction with Mr. V. Polidori, started the "Il Progresso Italo-Americano," which is the first Italian daily newspaper published in the United States. The offices of the bank and newspaper are in the Staats Zeitung Building, Nos. 2 and 4 Centre Street, and these are very finely fitted up and admirably adapted for the purposes to which they are devoted. The bank has a branch establishment at No. 37 Mulberry Street, and another at Naples, Via Duomo alla Marina, the latter having been founded in 1883, and one in Philadelphia, No. 537 Spruce Street, founded in 1887. The bank has correspondents in all parts of Italy, in Berlin, Frankfort, Lyons, and also in the leading cities in Central America, Canada, and the United States. The bank conducts a general agency for the steamship lines running between New York and foreign ports. It also issues drafts and letters of credit upon all the principal cities of the world, deals in bills of exchange, foreign bank-notes, gold, silver, specie, and bullion, and transacts a general banking business. The bank has a large patronage, and enjoys a high reputation in financial circles. The "Il Progresso Italo-Americano" has a large circulation and is an excellent medium through which advertisers can reach the Italian residents in the city. The proprietors are gentlemen of ability and high repute.

A. DREDGE, Manufacturer of Ruling Pens, No. 103 Beekman Street.—It does seem almost incredible, but it is nevertheless an indisputable fact—and it will probably be news to the thousands of book-keepers and accountants whose attention will be attracted to this brief sketch—that in this age of invention, improvements, and discoveries, the secret of manufacturing an article so useful and virtually indispensable, in its special function, as the ruling pen should be known to only two men in the United States to-day. Of those two the best known perhaps is Mr. A. Dredge, manufacturer of ruling pens, whose products are in wide and constantly-increasing demand in the stationery trade throughout the entire country. They are effective, durable, neat, and reliable in execution, being adapted equally for the formation of the finest and heaviest lines, and are an article of unequivocal merit. The magic book-keeper's ruling pen manufactured only by Mr. Dredge, is an indispensable feature in keeping a clean and neat look-

ing set of books, and of this no higher criterion need be offered than the fast hold they have taken among artists in pen-work, as well as book-keepers, accountants, and business men all over the land. Mr. Dredge, who is a gentleman of middle age, was born in England, but came to this country in early childhood. Prior to embarking in this flourishing enterprise he had been engaged in the book-binding business for a quarter of a century, at Toronto, Canada, and was part of the time the Dominion government binder. In 1878 Mr. Dredge began the manufacture of ruling pens, and the positive and permanent success that has attended his efforts since amply attests the wisdom that inspired the venture.

MARSOP & SCHOTTLER, Manufacturers of Fine Shoes and Slippers, Southeast corner of Reade and Church Streets.—Messrs. Marsop & Schottler, who are doing business on the southeast corner of Reade and Church Streets, organized their partnership in 1874, and at once became noted in the shoe trade as manufacturers of a high grade of goods. Their premises comprise a five-story building, 30x50 feet in dimensions, and here the manufacture of fine shoes and slippers, either hand or machine sewed, is actively carried on. Marbleized shoes and slippers are a specialty, the process for which they have a patent. Constant employment is afforded to one hundred skilled and experienced operatives, and in very busy seasons this number is largely increased. The capacity of the factory is from 900 to 1000 pairs per week, and the manufacturing department is under the personal direction and management of Mr. G. Schottler, who is a practical shoemaker of long experience. The commercial department is superintended by Mr. M. Marsop, who, prior to forming his partnership with Mr. Schottler, was a salesman in the shoe business, and he regularly visits all the customers of the house in all parts of the country. The trade of the house is wide-spread and of great volume. Both partners are natives of Germany, and have been for a long period in this country, and are old and esteemed citizens of New York.

ED. CORDEAU, Manufacturer of and Dealer in Spectacles, Eyeglasses, etc., No. 151 Fulton Street.—The oldest house of the kind on this busy thoroughfare is that of Mr. Ed. Cordeau. The business of this worthy and widely-known establishment was inaugurated in 1864 by the present proprietor, and under his vigorous management and skilful catering to the wants of the public in his line, a large and influential patronage has been developed. The premises occupied are fitted up in the most complete manner with all requisite machinery and appliances, and every convenience is at hand to aid the labors of the expert hands employed. A thoroughly experienced optician, Mr. Cordeau carries on a general line of enterprise as a manufacturer of and dealer in spectacles and eyeglasses in gold, silver, steel, tortoise-shell, etc., also opera-glasses and Brazilian pebbles, executes all kinds of repairing for the trade at short notice, and makes a leading specialty of grinding and setting cylindrical lenses by oculists' prescriptions. A large wholesale and retail trade is supplied, the house having permanent patrons in all parts of New York and the adjoining States. Mr. Cordeau is a native of France, and came to this city twenty-three years ago.

MAYER STRASBURGER, Men's Furnishings, No. 119 Fulton Street.—This house has been in successful operation since 1885, and enjoys facilities peculiarly its own. The enterprising proprietor, Mr. Strasburger, has been in commercial life for the past fifteen years, and his experience in catering to the wants of the fashionable public, coupled with ample resources, perfect facilities, and wide-spread connections, enables him to conduct all operations under the most favorable auspices. His spacious and attractive store is a magnificent exhibit of modern achievement in this line. The stock is displayed to the best advantage from the windows, dressed as none others are, to the lengthy array of shelving and show-cases, extending the entire depth of the store, and where are carried the finest lines of gloves and hosiery, scarfs and cravats, the latest novelties in neckwear, shirts that are marvels of perfection, underwear of every description, umbrellas, canes, and general outfittings. A large staff of experienced salesmen and clerks are required to meet the endless tide of custom, which includes the best-dressed gentlemen in the city. Mr. Strasburger is a native of this city, and with his fine facilities and tried ability as a merchant he can confidently defy competition.

HAWLEY ADAMS, Manufacturer of Adams' Patent Grate Bar, Foot of East Twenty-sixth Street.—For more than a quarter of a century Adams' Patent Grate Bar has been known to all the principal steam-boiler owners in the country, and these bars are now in use in over six thousand boilers. There are none in the market to compare with them for durability, ability for burning any and all kinds of fuel, and that there is a perfect draft secured, owing to the great air space, it is impossible

with the grate bar which Mr. Adams now makes. Having devoted more than twenty-five years to the exclusive manufacture and improvement of grate bars, he justly claims that the patent shaking grates, made to fit any furnace, and by the patent chilling process, excel all others in simplicity, durability, economy and ease with which they are worked. The New smoke-consuming furnace, patented by Mr. Hawley Adams, foot of East Twenty-sixth Street, New York, has been found remarkably successful as a smoke-consumer,

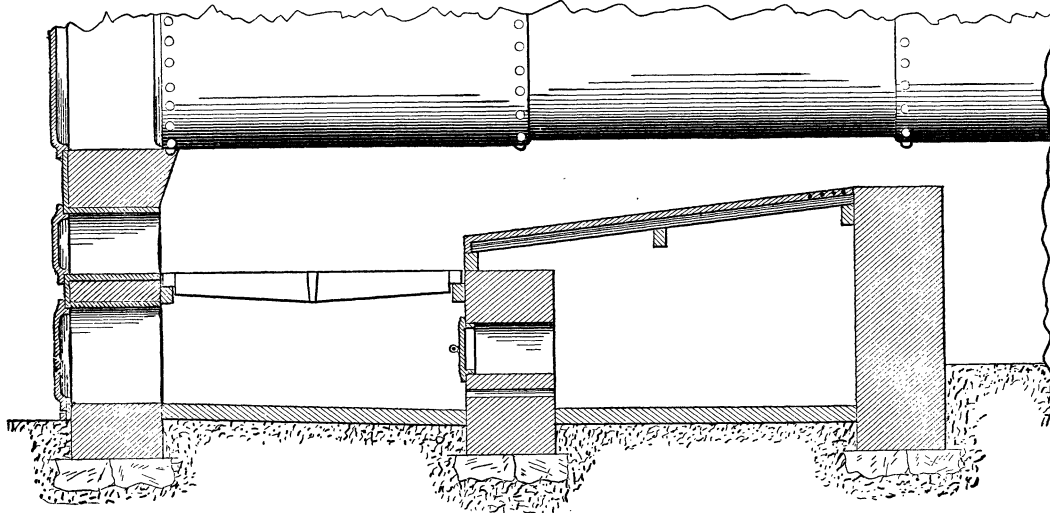


FIG. 1.—ADAMS' SMOKE-CONSUMING FURNACE.

to disprove. The bars have from time to time been improved by their inventor and the improvements protected by patents. The improved patent grate bar, patented November 7, 1882, is fitted with loose or reversible centre, which may be reversed or removed and placed in another part of the furnace, where the fire is less intense, or the whole bar may be removed and a new one inserted, thus saving the expense of a complete set of new bars. This bar

and steam-saver by all who have had them placed under their boilers. The Peter Breidt City Brewing Co., of Elizabeth, N. J., has had two placed under their boilers, and have found them to be very economical in regard to fuel and steam. In the accompanying drawings, Figure 1 is a vertical longitudinal section of a portion of a steam boiler or generator, of the furnace thereof, and of a certain combination of parts embodying Mr. Adams' improvement. Fig. 2

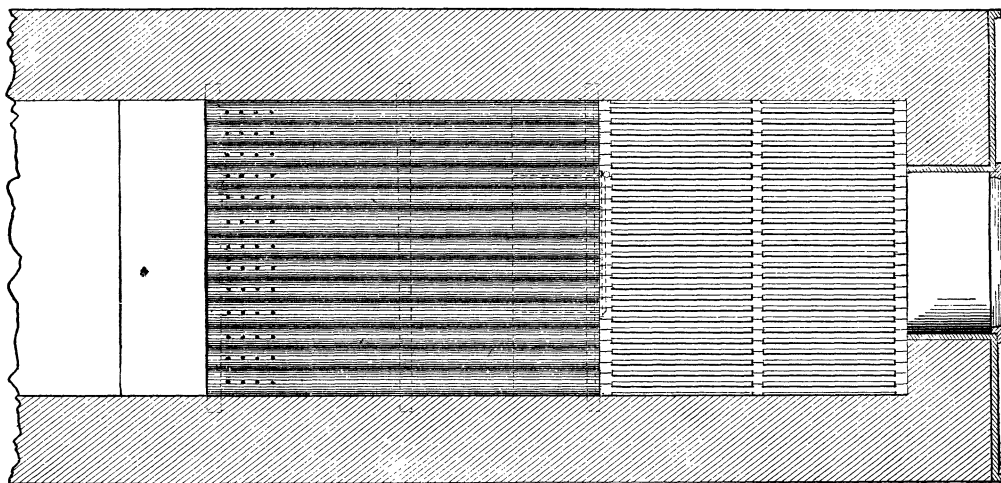


FIG. 2.—ADAMS' SMOKE-CONSUMING FURNACE.

has been subjected to the severest tests and has performed all that has been claimed for it. Mr. Adams is also the manufacturer of a circular dump grate, especially adopted for fire-engines, and a circular grate for upright boilers. These grate bars are made by patent chilling. It is now claimed that the chilling which is now accomplished in the process of manufacturing by the aid and means of the Adams' patent iron cope, there is no other bar that can compare

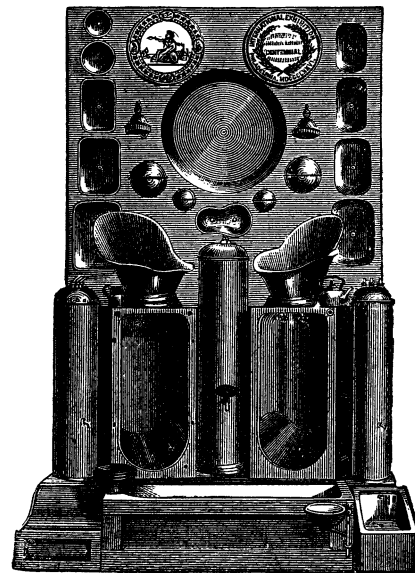
is a horizontal section. Mr. Adams will be pleased to answer any communications in regard to his patents. Samples in complete working order may be seen at Mr. Adams' office, foot of East Twenty-sixth Street. The factory is located at Portchester, New York. Mr. Adams is a native of Connecticut and founded his present enterprise in 1869. He controls a large and influential trade, which extends to all parts of the Union.

GEO. HAYES & SON, Manufacturers of The Hayes Metallic Skylights, Blinds, etc., No. 71 Eighth Avenue.—The representative and most successful house in the United States engaged in the manufacture of metallic skylights, blinds, etc., is that of Messrs. Geo. Hayes & Son, whose office and factory in New York are centrally located at No. 71 Eighth Avenue. This business was established in 1868 by Mr. Geo. Hayes, who conducted it till 1887, when he admitted his son Mr. Geo. A. Hayes into partnership. The firm have branches in Chicago, St. Louis, Cleveland, Cincinnati, Philadelphia, Boston, Baltimore, San Francisco, Pittsburgh, and St. Paul. Mr. Geo. Hayes is an able civil and mechanical engineer, and a member of the American Society of Mechanical Engineers; also of the American Institute of Engineers. He is the inventor and patentee of the famous Hayes skylights and other metallic glazed structures; also of blinds, and other architectural, hygienic, and mechanical appliances, including machinery for corrugating, forming, shearing, punching, and clamping metals. Already 59 prize medals have been awarded to Geo. Hayes & Son, for the superiority of their skylights, perforated, metallic, insect, and storm-proof blinds, etc. To enumerate the vast number of important glazed structures of various kinds that have been erected by Geo. Hayes & Son within the last few years would fill a volume, and would embrace the names of a very large number of the finest and best-known buildings in this country. The firm, however, refer to the following: Capitol, Albany, N. Y.; Philadelphia Buildings; Capitol, Springfield, Ill.; Capitol, Columbus, Ohio; Capitol, Washington, D. C.; New York Post Office, Philadelphia Post Office, etc. The firm have just finished several very large sustaining skylights (one of which is the longest in the city of New York, on the building of the "College of Physicians and Surgeons, Medical Department of Columbia College," the building erected under the Vanderbilt endowment. The factory is equipped with the most complete and perfect steam-driven machinery for manipulating sheet-metal, perhaps, in the world, the most of which is gotten up specially for the firm's particular use and is the invention of Mr. George Hayes. The model-room is a mechanical curiosity shop. The business is conducted with Mr. Hayes at its head as the engineer, who superintends and develops all complicated, extraordinary, or new requirements. The official staff, as well as the foreman and workmen, are the most efficient and skilled that can be obtained; many of them have worked in the establishments from the beginning, and have all been trained to do their work in the most skilful and workmanlike manner—nothing is skimped, and a botch is not tolerated. In 1869 and '70 Mr. George Hayes invented and patented several devices for glazing without putty, or its equivalent. These devices were the most perfect ever before or since patented or adopted. Their bars partook of none of the very absurd forms now in the market, and which are backed up by pretentious catalogues that deceive the unwary, some of which are certainly curiosities in their way, showing to what extent these curious subterfuges have been resorted to in order to evade that which has proved so eminently successful, and it is still more curious and singular that they have received any recognition whatever, or that any person would adopt such; the devices certainly display more ingenuity than mechanical skill, practical experience, or utility. As to the value of such devices, or any other, or even their own, without the employment of putty, felt, or the equivalent, the firm's practical experience has demonstrated that it is impossible to successfully dispense with the use of some article of their nature. It has never been accomplished. There is not a structure in the world, large or small, glazed, without some such material to bed the glass and close the joints, but what is more or less a failure. Messrs. George Hayes & Son likewise make a specialty of metallic sashes for store-fronts, dwelling-houses, and church windows, conservatories, bay and oriel windows, tracing and sashes, ceiling lights, and other decorative glass-work. The firm employ in their factory and branches 250 highly skilled and experienced workmen. Both Messrs. George and George A. Hayes were born in England, but have resided in the United States since 1864, and justly merit the signal success achieved by their skill and ability. The telephone call of the house is No. 85 Twenty-first Street.

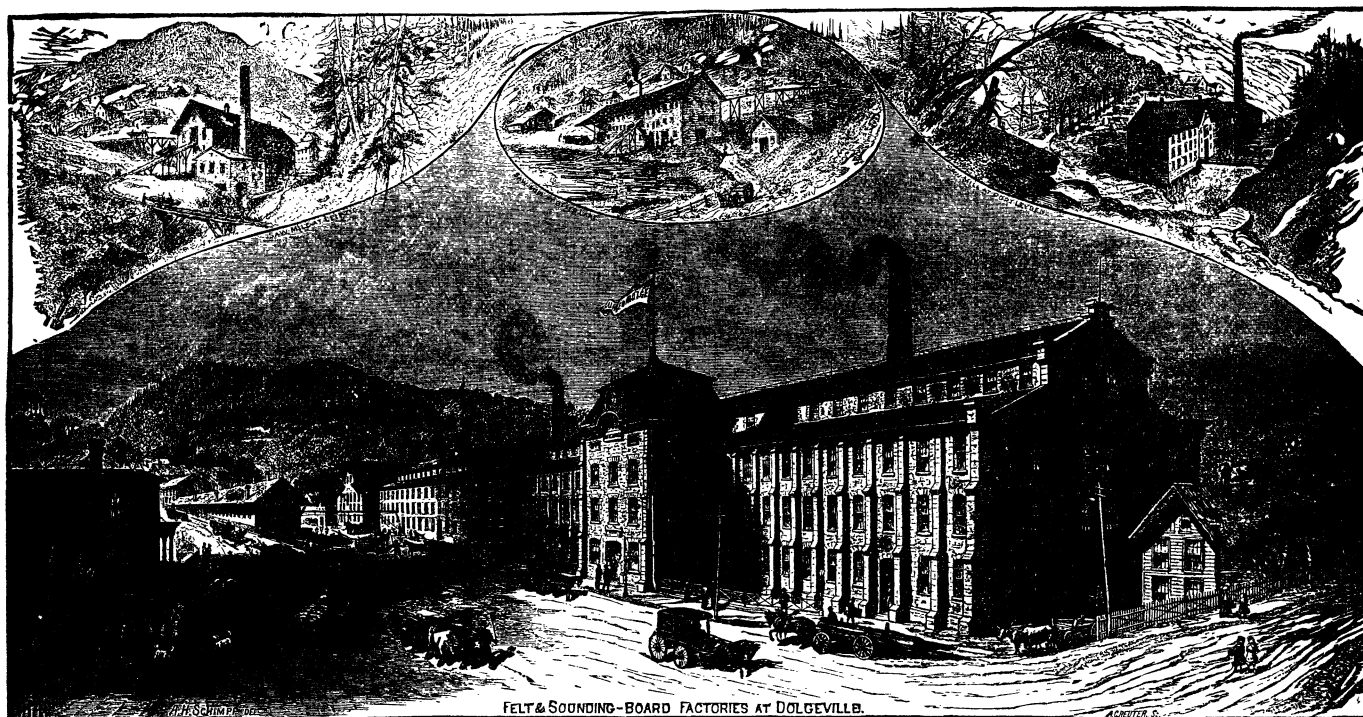
TENNER & BAUM, Manufacturers of Gold Chains, Jewelry and Diamond Mounting, No. 180 Broadway.—An old established jewelry concern in the metropolis is that of Messrs. Tenner & Baum, of No. 180 Broadway, who have been in business for the past twenty-one years, and have attained a position and influence second to those of no other house in the trade. The uniform excel-

lence of their products and the promptitude and integrity with which their business has always been conducted has resulted in their having from the outset always enjoyed a very liberal and influential patronage from all the principal dealers in the country. Their factory and salesroom are centrally located, are spacious and commodious, and are admirably arranged and equipped with every appliance and the latest-improved machinery for the production of a full line of elegant jewelry goods. The firm employ a goodly number of skilled and experienced men, and manufacture all kinds of high-grade jewelry, making specialties of gold chains and diamond mountings, etc., in new and original designs. The trade of the house is large and extends to all parts of the United States. The members of the firm are Messrs. L. Tenner and H. Baum, both of whom are practical jewelers, with a wide range of experience, and who are spoken of in the trade as being of the highest character and integrity. They are constantly placing before the trade the most attractive novelties, and their long experience has given them a proficiency attained by few of their compeers. Mr. Tenner is a native of Hungary and Mr. Baum was born in Austria, and both are old and esteemed residents in New York.

HENRY STEEGER, Manufacturer of Copper Boilers, Bath-tubs, Showers, etc., Nos. 143, and 145 East Thirty-first Street.—An old-established and representative house in the metropolis, actively engaged in the manufacture of all kinds of copper boilers, etc., is that of Mr. Henry Steeger, whose office and works are centrally located at Nos. 141, 143 and 145 East Thirty-first Street.—This business was established thirty-seven years ago by Mr. H. Steeger, the father of the present proprietor. After a long, honorable, and successful career, Mr. Steeger died in 1880, and was succeeded by his son, who has since greatly extended and developed the business. The premises occupied compose a spacious five-story building 75x150 feet in dimensions. The workshops are fully equipped with all the latest-improved machinery, tools, and appliances known to the trade. Eighty experienced coppersmiths, workmen, etc., are employed in the various departments and the machinery is driven by a fifty-horse



power steam-engine. Mr. Steeger manufactures largely copper boilers, bath-tubs, showers, closet pans, sinks, foot and seat tubs. These goods are everywhere recognized and appreciated by the trade as standard productions. The resources and facilities of this house are such that the largest orders can be promptly filled, an advantage that trade is quick to appreciate. Mr. Steeger likewise deals in all kinds of tinned and planished copper, offering excellent inducements to customers. The proprietor was born in New York, and is a thoroughly practical man, as widely known for his mechanical skill and integrity as for the just manner in which he attends to the interests of customers. He is a prominent Freemason, and a member of the German Hospital Committee, American Institute, Board of Trade and Transportation Association, etc.





LONDON,
132 QUEEN VICTORIA STREET.

ALFRED DOLGE,

MANUFACTURER
OF
PIANO FELT AND LUMBER.



NEW YORK.
122 EAST 13TH STREET.

ALFRED DOLGE, Piano Forte Materials, No. 122 East Thirteenth Street.—One of the most remarkable careers in the paths of skilled industry and in the development of the most extensive and perfect manufacturing establishment of its kind in the world is that of Mr. Alfred Dolge, the internationally-celebrated manufacturer of felts, sounding-boards and piano-forte materials generally. It is a fact that the piano industry has been greatly assisted in its great strides for advancement by the repeatedly-introduced improvements of the most important materials manufactured by Mr. Dolge. As the leading, one might almost say the sole, representative of the combined industries conducted by him, a few facts in regard to his rise, progress, and the splendid establishments he owns will prove of deep interest to the public at large. Mr. Dolge was born in Germany, and early manifested great mechanical skill and inventive genius. Acquiring a thorough knowledge of piano-forte making, he came to America in 1869 and commenced the manufacture of sounding-boards in a small way. No felts had yet been produced in America of any service to the trade, and in 1871 he started his first factory upon a very limited scale in Connecticut. In 1872 he removed to Brooklyn, and finally, in 1875, with characteristic conceptions of the needs and future growth of the trade, he started far out into the wilderness of the Adirondacks, where his industry would have room to grow, and at a dreary little hamlet known as Brockett's Bridge, on the line of the valuable water power of East Canada Creek, he laid the foundations true and well of the giant industry of its kind in the world. He here put into its most creditable shape the true spirit of American enterprise, and erected a series of huge factories, each a perfect type of what such an establishment should be, and nowhere else duplicated. In 1882 Mr. Dolge finished his new felt mill, a very handsome structure from an architectural point of view, 70x300 feet in dimensions and four stories, representing 80,000 feet of floor space. This is probably the most substantially-built factory in the country.

The stone walls rest on solid rock and are five feet thick at base, and three feet on top; double rows of eighteen-inch pillars further strengthen the double hardwood floors in sustaining the tons' weight of machinery. There are here gathered all modern improvements, steam-heating, electric-lighting, automatic fire-extinguishing apparatus, etc. Their motive power is supplied by three Victoria turbine wheels of 1000 horse-power and two engines of 500 horse-power. Most of the splendid and complicated machinery here in operation originated and were built in the Dolge machine shops. He has one to perfectly purify and keep at the exact necessary temperature the water for wool washing. To this contrivance, with the enormous capacity of 10,000 gallons an hour, are due some of the inimitable qualities that render the Dolge felts world famous. Here are in operation machines for fulling, washing, drying, and hardening the felt. The carding-room is on the second floor, having sixty cards and perfect pickers, grinders, etc. On the third floor are the presses, shearing and finishing apparatus for piano felts, and many machines devoted to producing other kinds of felt, for such purposes as felt shoes, polishing felts, felt filters, etc. On the fourth floors are two immense water-tanks, holding 25,000 gallons, connecting with the fire extinguisher, and storage for the various grades of wool. A two-ton elevator and wide stairways connect the floors. There is a thorough system of organization enforced here, and the highest standard of excellence maintained. The factory has a capacity sufficient to produce all the felts used throughout the globe in the manufacture of pianos and organs and actually does supply over two-thirds of what is used, Mr. Dolge numbering among his customers all leading American manufacturers, and exporting to those of England, Germany, Italy, and France. Mr. Dolge neither fears nor notices any efforts at competition. If success is a test of merit the palm is then rightly awarded to Mr. Dolge. In 1871 he only made 1009 pounds of hammer-felt, and in 1887 the production reached the enormous figure of 250,000

pounds. The felt mills are but one in Mr. Dolge's chain of giant industries that have arisen, if not Aladdin-like, yet more worthy of astonishment, when the limited time the business has existed is taken into consideration. Old World concerns take a century to grow. Mr. Dolge has arisen in half a decade! His lumber works for making sounding-boards, etc., are immense four-story structures full of the finest wood-working machinery, much of it designed by the house. In 1876 Mr. Dolge made 260 sounding-boards; in 1882 he made no less than 62,971, and though the product has largely increased he cannot keep pace with the demand. These boards are made in over 600 different patterns for manufacturers in both hemispheres, and require over three million feet of spruce lumber per annum. It is so carefully selected that 15,000,000 feet is cut and culled over for what is eventually used. The firm owns many thousand acres of the finest timber lands in the Adirondacks and (mark it well) are not being ruthlessly denuded of the trees big and little, but under the care of professional foresters, brought over from Germany, the estate is being rationally cared for to secure a perennial supply of spruce of the greatest girth. Mr. Dolge has saw-mills in operation at Port Leyden, Otter Lake, and Leipzig, the latter a fine steam mill named in honor of his birthplace. The capacity of these mills is over 60,000 feet a day. The product is drawn to Dolgeville by sixty teams of horses and oxen, while 150 men are lumbering in the woods every winter. Dolgeville and Leipzig are now both bustling villages. The welfare of his workmen is a first consideration with Mr. Dolge. There is a liberal pension scheme; life-insurance of \$1000 every five years, they have their own-club house, a large hall for meetings, library, billiards, and gymnasium; a brass band is in existence, fire company, etc.; the main industry is surrounded by numerous others, more or less tributary, such as machine-shop, grist-mill, etc. Mr. Alfred Dolge, with headquarters in New York, gives his general supervision, while his brothers permanently reside at Dolgeville, Mr. Hugo Dolge superintending the felt-mill and Mr. Arthur Dolge the lumber business. They are gentlemen of great ability and energy, and are universally esteemed both by the trade and the hundreds of men under them. The New York office and warehouse are centrally located at No. 122 East Thirteenth Street, where four entire stories are filled with the best of everything requisite to the production of the piano and organ. Large orders for felt and sounding-boards, wrest-pins, etc., are filled direct from Dolgeville, but here also is a most complete stock of all kinds of piano and organ materials such as hardware, cloth, leather, and similar goods. On the upper floors are carried the largest assortment of felts in New York, both for piano and other uses. A new branch of his business, and one of the highest importance and direct interest to everybody, is worthy of special mention; Mr. Dolge's felts are the finest known to the world, manufactured by the most perfect process from pure, live wool. The sanitary properties of these felts have brought them into direct use for the purposes of dry, warm and healthful shoes, and Mr. Dolge is a public benefactor in introducing to the world the magnificent lines of felt shoes and slippers which have fairly taken the public by storm, so apparent are the beneficial results arising from their use. The prolific cause of coughs, colds, pneumonia—that deadly plague of American winters—and of consumption and rheumatism, is that of damp, wet feet. The average man, wearing ordinary shoes, is sure to get his feet wet in the ordinary condition of the streets on wet days and in winter. If he protects his feet by means of rubbers, he at once obstructs ventilation, causing cold, clammy feet, retarding perspiration, and laying a sure foundation for illness thereafter. The use of the Dolge felt shoes is a sure remedy for wet or cold feet. These shoes are wholly manufactured from Alfred Dolge's all-wool felt—the best in the world. They are not the clumsy, heavy contrivances like the old so-called felt shoes, but light, graceful, neat-cut and stylish, having soles of solid felt, durable, economical, and a veritable life-preserver to everybody who wears them. All who appreciate comfortable feet, dry and free from perspiration, should promptly test the merits of these lines of elegant shoes. They can be had in all widths and standard colors of black and blue, and both as to price and wearing qualities cannot be duplicated in the market. As to their sanitary advantages, there is nothing in the world that compares with them, for they protect the feet not only against cold and dampness, but secure an equable, healthful temperature, preserving the proper flow of the animal magnetic currents and conducing to good health, comfort in body and mind, and longevity. These felt shoes are now staple goods with the trade. But a short time in use, testimonials of the most convincing character have poured in

upon Mr. Dolge, proving emphatically every claim made for them and indicating that ere long they must necessarily come into universal use. Mr. Dolge is enlarging his facilities to meet the growing demand for these shoes, and already employs 300 hands in the shoe-factory, the only one producing complete lines of these shoes for men's, women's and children's wear and the sole brand possessing the inimitable sanitary qualities found in perfection only in the Dolge felts. This is but a brief and imperfect sketch of one of the most interesting and useful industrial enterprises of the age. To Mr. Alfred Dodge belongs the honor of carving out in the wilderness a great typical centre of skilled labor, well required and ably guided—of practically and truly solving the great problem of how best to effect a mutual inter-relation 'twixt capital and labor—and those who cannot solve or see justice in the theories of socialism or a Henry George will be delighted to find that Mr. Dolge, in filling the demands of manufacturers for the best materials, and in producing his equally famous felt shoes and slippers, has also given the world a happy picture of the only amicable just basis upon which capital, linking hands with labor, can overcome the most gigantic obstacles.

G. G. HALLETT, Dealer in Fuller & Warren Company's Warren Ranges, etc., No. 233 Water Street.—The city of New York is the principal centre in the United States for the sale of stoves, ranges, and furnaces, and it is here that the trade and public generally find first-class articles at prices which defy competition. Prominent among the representative and old-established houses engaged in this useful and important trade is that of Mr. G. G. Hallett, whose office and warehouse are centrally situated at No. 236 Water Street. This business was established twenty-four years ago in the present location by Mr. Hallett, who has had great experience in the stove trade, and is fully acquainted with every detail of this valuable industry and the requirements of all classes of customers. The premises occupied are spacious, and comprise a superior five-story building 30x120 feet in dimensions, fully supplied with every appliance and facility requisite for the accommodation and display of the extensive, valuable, and well-selected stock, which has no superior in the metropolis. Mr. Hallett deals largely in the famous Fuller & Warren Company's Warren ranges, ruby furnaces, splendid stoves, and fire-place heaters. He likewise keeps on hand the noted Stewart heating and cooking stoves, Spear's stoves, and Golden Sun Fire-place heaters, and is the largest manufacturer and dealer in ship stoves in the United States. The stoves and specialties are absolutely unrivalled for economy in the consumption of fuel, elegance, efficiency, and general excellence, and are the results of mechanical workmanship of the highest order of perfection. They are adapted for all kinds of service, while the prices quoted for them are extremely moderate. Mr. Hallett fills all orders promptly, and his trade now extends throughout all sections of New York and the neighboring States. He was born in Massachusetts, but has resided in Brooklyn, N. Y., for the last quarter of a century. Those requiring stoves, ranges, or furnaces, either at wholesale or retail prices, should make a factor of this trustworthy house, which offers inducements and advantages not readily accorded elsewhere.

A. SUTTER, Butcher, Nos. 31 and 32 Washington Market.—One of the most favorably known and enterprising butchers doing business in Washington Market is Mr. A. Sutter, who occupies stalls Nos. 31 and 32. Having had upward of forty years' experience in his trade in this market, and having been in business for thirty-two years on his own account, he is fully qualified to carry on the trade to the best possible advantage for his customers. His two stalls are models of cleanliness and order, and they are filled at all times with a very valuable and extensive stock of beef, mutton, lamb, etc. With characteristic industry and energy, Mr. Sutter has developed a fine patronage, both in the city and country, and promptly disposes of all consignments entrusted to him. His stock is selected with great care and excellent judgment to meet the wants of a critical trade, and his prices compare favorably with those of any of his competitors. While a large family trade is catered to, a specialty is made of supplies to steamships, hotels, and restaurants, and goods are delivered free of charge in any part of the city. All orders are given immediate attention, and no effort is spared to give the fullest satisfaction to all patrons. Mr. Sutter is a native of France and has been a resident in this city for the past forty-five years. He is a progressive, enterprising business man, and the success he enjoys has been won by sheer merit.

WILLIAM S. HICKS, Manufacturer of Gold Pens and Pencil Cases, Nos. 231 to 235 Greenwich Street.—The name of Hicks will ever be honorably identified with the trade in gold pens and pencil cases. As the oldest established manufacturer, Mr. William S. Hicks has not only maintained the leading position in his line, but is noted for his remarkable skill and versatility, and for the originality of design and perfection of his product. He established the present business back in 1848, and during the long intervening period has continued to actively carry it on upon a basis of the utmost efficiency. Mr. Hicks was born in New York, and here learned the trade in which he has achieved such a marked success and New York city is to be congratulated upon the fact that his gold pens are known and sold in both Hemispheres as standard goods for over thirty years past. For a large part of the time Mr. Hicks was located at No. 20 Maiden Lane, until March, 1887, the steady growth of trade, and desirability of superior light, power, etc., caused him to remove his establishment to the fine new building, Nos. 231 to 235 Greenwich Street, corner of Barclay Street. Here he occupies two entire floors, 40x80 feet in dimensions, very handsomely fitted up with fine factory and salesroom. Mr. Hicks is the recognized leading authority on the proper and best method of manufacturing perfect gold pens, and employs a force of from 90 to 100 skilled hands in the various departments of the business. His pens are world renowned for exquisite temper, durable points, beauty of stock and durability for outlasting all other makes. They have come into use in the leading mercantile and financial circles of New York, London, and all other large cities of the globe, and the universal verdict is that Hicks' gold pens (in their assorted varieties) best suit the purposes of the public at large. He also makes a beautiful class of gold pencil cases, highly ornate and of exclusive original designs nowhere else duplicated. The unique devices, happy conceits, amusing fashions introduced by him have gratified a very large circle of the community that prefers personal belongings of a refined character. In this connection we cannot suggest a better illustration of Mr. Hicks' talents and original ideas than his elegant and striking business card, showing the two Hemispheres, his standard gold pen and various novel ideas in gold pencil cases, such as an owl, peg-top, dolphin, acorn, etc., as neat as they are handy and graceful. Mr. Hicks displays a magnificent assortment in his show cases, and sells direct to the trade only, to whom he is known as a prompt, honorable business man, and both the pioneer and leading representative manufacturer of the best gold pens and pencil cases.

P. ELSWORTH, Wholesale Dealer in Oysters and Clams, Boat No. 24, Foot of Charles Street.—An important factor in the wholesale oyster trade of the metropolis is the establishment of Mr. P. Elsworth, located at Boat No. 24, Foot of Charles Street. This gentleman is one of the best known and most prominent oyster merchants in the city, having been established in the business here since 1840, and enjoying a liberal and substantial patronage from all parts of the United States. His barge is three stories in height, 25x80 feet in dimensions and every modern convenience and facility is afforded for the rapid handling and perfect preservation of the extensive stock that is here carried. He gives steady employment to from twenty to thirty skilled hands, and possesses the finest possible facilities for guaranteeing the prompt and perfect fulfillment of all orders of whatever magnitude. A specialty is made of New York counts, selects, and shell oysters, and only the freshest and finest of bivalves are offered. The prices are always regulated by the market, and the patrons of the house are unanimous in praise of the liberality and enterprise of the management. Mr. Elsworth is also widely prominent and deservedly celebrated as a designer of yachts, the Atlanta, Grayling, Montauk, and steam yacht Cora being notable specimens of his genius and skill. He is a native of New Jersey, and a brother of Captain Jos. Elsworth, of "Puritan" fame, a member of the Executive Committee of the wholesale oyster dealers' and planters' association, and of high repute in trade circles. His experience in New York commerce gives him peculiar advantages, which he freely shares with his patrons, while his high character is a sufficient guarantee of the reliability of all transactions.

E. DE LA CHAPELLE & CIE., Manufacturers of La Bastie Patented Chimneys, No. 29 Murray Street.—As in the case of most other industrial enterprises, so in the manufacture of various glass goods, there are divisions and subdivisions of labor, different houses confining their operations respectively to the

production of special lines of goods. The manufacture of lamp-chimneys forms an important branch of the glass trade and the leading concern on the American continent, devoting its energies entirely to the production of lamp-chimneys, is that of E. de la Chapelle & Cie. This firm are the manufacturers of the far famed La Bastie patented chimneys. They have been engaged in this branch of business for a score of years and at their extensive works they employ permanently from 200 to 250 skilled and experienced operatives. The works in 1883 were removed from Brooklyn to Ottawa, Ill. This firm keeps an office at No. 29 Murray Street, N. Y. The management of the works is under the care of Mr. E. de la Chapelle, who brought with him from France the La Bastie patent and gave his entire attention to the working of the patent lamp chimneys, and brought them to their present perfection. The introducing of the goods all over the United States has been entrusted to Mr. A. Thierry, also a French gentleman, who has been a resident in the United States for the past twenty-eight years, during the whole of which period he has been connected with the glass trade as dealer and agent. He is a gentleman of fine business ability, and is thoroughly familiar with the wants of the trade and the requirements of the public. He is in all transactions prompt, decisive, and reliable. Mr. A. Gebhard has been engaged by the firm to do the greater part of the travelling, and by his energy has contributed his share to the prosperity of the business.

E. C. WILLIAMS & BRO., Steel Engravers, No. 241 Broadway.—That beautiful art devoted to engraving on steel has been advanced to a plane of high perfection, and wonderfully brilliant effects, from an artistic standpoint, are now wrought in this line. The oldest and most extensive house devoted to this branch of industrial effort in the metropolis is that of Messrs. E. G. Williams & Bro., whose headquarters are located at No. 241 Broadway, and who have gained a national reputation for the superiority of their productions. The proprietors, Messrs. E. G. and H. V. Williams, are natives of England, and came to this city thirty years ago, founding their business ten years later. Owing to the thorough knowledge of their vocation and the conscientious care exercised in all their work they soon attracted the public attention and favor. Their patronage gradually kept on extending, the reputation of their house spread apace, and specimens of their handicraft are now to be found in all sections of the country. The firm confine their operations to the finest portrait and general engraving on steel, realizing in their productions the finest results attainable in this line. They keep on hand specimens of splendidly-engraved portraits of the prominent men of the country, presidents and other celebrities. Among the more important, perhaps are those of Grant, Phelps, and the late Bishop Horatio Potter, the latter plate exceeding in richness of tone, depth of color, and fine artistic finish anything we have seen in portraiture. A staff of competent artisans are employed, and every facility is possessed to aid in the production of perfect work. The Messrs. Williams owe their fame to the possession of qualities which are seldom if ever found among engravers, i.e., rare skill in the handling of the graver, combined with the finest feeling and temperament and an inborn talent and taste for art.

WILLIAM FARRELL, Coal—Yard Nos. 144, 146, 148, and 150 Barrow Street.—A leader in the development of the coal industry of the metropolis is Mr. William Farrell, who established himself in the business here in 1875, locating a yard at Nos. 144, 146, 148, and 150 Barrow Street, and in 1884 he opened a branch yard at Nos. 623 to 626 Greenwich Street, and in 1887 another yard at One Hundred and Twenty-ninth Street and the Boulevard. He has acquired a high reputation for liberal and honorable dealing, and is known to be entirely reliable and responsible. The coal dealt in comprises Wilkesbarre, Lackawanna, Scranton, Locust Mountain, Lehigh, and Red Ash, all of which is noted for its uniform superiority of quality, every bushel disposed of being fully guaranteed as coming up to the highest standard of excellence. The business is carried on at both wholesale and retail, and the heavy demands upon the resources of the house necessitate the carrying of an immense stock at all the different yards. The connections of the proprietor with mines and the best sources of supply give him important advantages, which he freely shares with his customers. A corps of twenty hands contribute to the satisfactory operations of the house. Mr. Farrell was born in Ireland, and came to this country when a boy. He is intimately conversant with all the requirements of the coal business, and eminently popular.

ARTHUR PRATT, Oculist and Manufacturing Optician, No. 75 Nassau Street.—New York, as the recognized centre in optical goods, contains no more widely known and successful member of the profession than Mr. Arthur Pratt, who occupies rooms Nos. 5 and 6, second floor, of No. 75 Nassau Street—the rooms, in fact, that were formerly the law chambers of Aaron Burr, who occupied them some years after his celebrated duel with Hamilton. Mr. Pratt is a scientific manufacturing optician of thirty years, experience, his speciality being the treatment of visual defects remediable by optical appliances, in which domain he ranks among the most practical and skilled in this city. He was born in England, but came to this country and settled in Brooklyn twenty-two years ago. Twenty-one years since he established his business a few doors from his present location, where he has built up a trade of considerable proportions. He is thoroughly familiar with all the minutiae of lenses for the correction of anomalies of sight, having in the earlier years of his business manufactured for most of the leading opticians. Of late years, however, his goods have gone directly to the public, his ability to suit visual defects having become so widely known that while every State has furnished its quota many of the most eminent names in the city are numbered among his clientele. He has several advantages over others. Firstly, his scientific training enables him to diagnose correctly errors of refraction, while his mechanical knowledge fits him to suit peculiarities of sight and face. Secondly, grinding lenses (simple and compound) and making frames, he is able to sell spectacles and eye-glasses of superior quality at much below the retail rates. As before stated, his goods going directly to the public consumers save both the jobbers' and the retailers' profit. He deserves the success he has achieved. Any one entrusting their sight to him may be sure that all will be done that scientific training suggests or conscientious care dictates, for Mr. Pratt is an enthusiastic lover of his chosen vocation, and would rather spend as much time treating one case perfectly as would suffice to treat a dozen partially.

JOHAN O'CONNOR, Boot Maker, No. 845 Sixth Avenue.—Among the well-known boot and shoe makers up town there are none more prominent than Mr. John O'Connor, who has achieved a wide reputation, and is recognized as one of the best in his line of trade in the section of the city in which he is located. Mr. O'Connor occupies a store 25x40 feet in area, which is tastefully fitted up and contains a large, valuable assortment of boots and shoes, in all the leading, fashionable, popular styles, for men, boys, and youths. He has selected these goods from the leading manufacturers and can recommend them to be strictly as represented. In the assortment will be found a general line of extra fine handmade goods of his own manufacture and also rubbers and fancy and plain slippers. Mr. O'Connor employs from seven to ten skilled workmen, and makes all his custom-work upon scientific principles; and, as only the best materials are used, and care is taken with the work, satisfaction is always given those who avail themselves of his skill as a manufacturer of the very best class of footwear. Born in Ireland, Mr. O'Connor arrived in New York in 1869, and in 1871 commenced business, which he has since conducted with marked ability.

RICHARD NEW, Wholesale and Retail Confectioner and Ice Cream Manufacturer, No. 839 Sixth Avenue.—A well-known, popular establishment up-town is that of Mr. Richard New, wholesale and retail confectioner and ice cream manufacturer. The business has been established about ten years. Mr. New has been in the business twenty-two years, and a large trade is supplied with the choicest delicious confectionery, which is made on the premises from pure cane sugar and other materials, and also ice cream and ices of all flavors. The premises, consisting of store, saloon, and parlor, have an area of 20x40 feet, and are neatly and tastefully arranged, and provided with every facility for the purposes of the business. French chocolate and caramels, and other toothsome confectionery and candies, are made every day, and the trade and city custom is supplied at popular prices. A special business is made of supplying families, parties, and church fairs, and picnics, with a superior article of ice cream, and also French and Italian cream to order. The patrons and the public fully appreciate the efforts of Mr. New to supply the finest and best confectionery and ice creams, and consequently his establishment is liberally patronized. Mr. New was born in Ireland in 1838, came to America in 1858, and has resided in New York ever since, and is very popular.

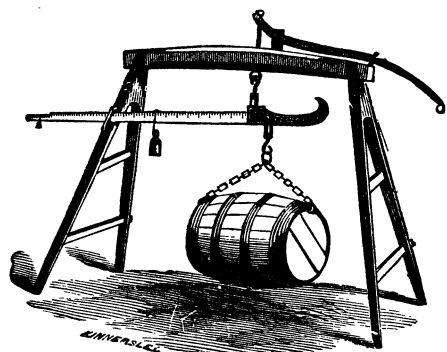
JOHAN A. PRIGGE, Choice Family Groceries, No. 871 Sixth Avenue.—One of the most popular grocery houses up town is that of Mr. John A. Prigge. It was founded by Mr. Prigge in 1861, and the success enjoyed we attribute to the experience and enterprise of the proprietor, who is indefatigable in his endeavors to supply the very best quality of goods at the lowest prices. The size of the store is 25x60 feet, and without doubt is stocked with the best assorted line of groceries to be found up-town; comprising the finest teas, and coffees, family flour, canned goods, delicatessen, provisions, table sauces, and condiments, and also imported wines, liquors, and cigars, and all those articles that belong to the business. As before intimated, Mr. Prigge sells the best goods at very low prices and is now offering a celebrated brand of Tokay wine, and other wines and liquors, and choice family groceries at like reduced prices. Mr. Prigge was born in Germany, and arrived in New York many years ago and is held in high esteem in the community. In the conduct of his business five clerks are employed and a delivery wagon, all orders receiving that attention their importance demands.

JOHAN F. WHELAN, Undertaker, 496 and 498 Pearl Street.—This well-known undertaking establishment was founded in 1862 by the late John Whelan. In 1868 Mr. Whelan died, and from that time until 1878, the business was conducted by his brother, Francis Whelan. In 1878 his son, Mr. John F. Whelan, assumed control of the establishment. Mr. Whelan was born and brought up in the business, and understands it in its minutest detail. A large and steadily-increasing trade is done in the city and environs. His charges will be found perfectly just and reasonable. The stock carried by the house is large, complete, and first-class in every respect. The store occupied, the dimensions of which are 20x60 feet, is handsomely fitted up. A large stable, 25x80 feet, is also used. The equipment of the establishment includes two undertakers' wagons, four coaches, two fine hearses, and twelve horses. All are thoroughly first-class. Two assistants are employed.

ROBERT HORNBY & CO., Electrotypers, No. 31 East Houston Street.—Messrs. Robert Hornby & Co., the well-known Electrotypers, established their business here in 1881, and have conducted the same with marked ability and steadily-increasing success. Their workshop comprises a general electrotype foundry, splendidly equipped with new and improved machinery and appliances, operated by steam power, and employment is given to seventeen skilled and expert hands. Everything emanating from this establishment manifests an artistic taste of high order. A specialty is made of fine work, and the productions of the house, for taste in design and perfection of execution, rival in excellence the finest work of any similar establishment in the country. Their business cards of original and handsome styles give but a faint idea of the scope of the work executed by this firm. Blocking on wood and solid-metal bodies is given skilful attention, while popular prices prevail in all branches of the business, and orders are always promptly and satisfactorily filled. The members of the firm are Messrs. Robert Hornby, Robert H. Kelly, and Thomas Webster, all of whom are recognized in this city as accomplished masters of their trade, giving it the benefit of their large experience and perfect judgment.

P. J. DOWDALL, Machinist and Manufacturer of Elevators, Hoist-wheels, etc., No. 52 West Broadway.—Among those who have achieved prominence as a machinist, and taken a leading place in their calling, is Mr. P. J. Dowdall, who founded his enterprise in 1852, bringing thorough practical experience to bear, and he has met with deserved encouragement. His establishment is equipped with improved steam-working machinery, and a corps of experienced workmen are constantly employed. Mr. Dowdall personally superintends the labors of his assistants, and carries on general operations as a machinist and blacksmith, and manufacturer of elevators, hoist-wheels, improved platform trucks, etc., including some of his own invention. Attention is also given to repairing rolling shutters and elevators, all orders being executed with care and dispatch. A first-class stock is carried to meet the demand, and all goods sold are guaranteed to be exactly as represented—the best in the market—while in all his transactions Mr. Dowdall will be found liberal, equitable, and conservative of his patrons' interests.

W. H. ROBIDOUX. Scales, No. 102 John Street.—This gentleman has a wide reputation as an extensive manufacturer of scales, and makes a leading specialty of weigh-masters' tools. This enterprise was inaugurated in 1841 by thirteen practical men, under the name and style of the New York Journeymen Scale Makers' Company, Mr. Joseph Robidoux, the father of the present proprietor, being one of the number. The business soon came into the control of Messrs. Bryden & Robidoux, who were succeeded by Messrs. Robidoux & Sons, and in 1886 Mr. William H. Robidoux became the sole proprietor. The premises occupied by him for manufacturing and sales purposes comprise a four-story building, 25x80 feet in dimensions, with basement, and unsurpassed facilities are at hand for conducting all branches of the business. Employment is given to a force of twenty skilled and expert hands. In the salesrooms will be found a full assortment of cotton-weighing tools, comprising beams, frames, and hooks. These goods are made



in the most scientific manner, special care being taken in the hardening of the steel bearings. The beams and poises are accurately tested to the United States standard, and are guaranteed to be correct. They are the most sensitive scale beams made, and can be confidently recommended as being fully up to that standard of excellence for which this house has so long been noted. These beams once used are invariably preferred to all others. Parties intending to purchase a wagon scale for their business this season will do well to inspect the goods and prices of this house before buying. The proprietor makes scales of four, six, eight, and ten-ton capacity, with trussed iron levers and all-steel bearings, with single, double, or triple beams. These scales are made with the utmost care, and are the most durable and accurate scales offered. Reference can be made to prominent coal and ice dealers and others in this city and vicinity, who use these scales and can recommend them. This house is also prepared to repair scales of all makes, and guarantees first-class work and warrants every scale leaving its hands. Mr. Robidoux is a native of New York, and trained in this branch of manufacturing from his youth up.

C. G. ALFORD & CO., Diamonds, Manufacturing Jewelers, No. 200 Broadway.—Among the largest wholesale dealers in watches and jewelry, may be named the well and honorably known firm of C. G. Alford & Co., of No. 200 Broadway, who, with ample capital at their command, and with an experience of over twenty years, gather into their stock the choicest product of the leading makers. They have secured an enduring hold upon their patrons throughout the country. This pushing and prosperous firm, established in 1868, have maintained a career of uninterrupted success and prosperity. Their offices and salesrooms are commodiously and attractively fitted up, and their stock is at all times replete with the exquisite novelties of the most skillful artisans in the land. The endless variety and unique designs contained in their stock command the attention of the most fastidious buyers. They make a specialty of watches and diamonds, and each member of the firm has one of these departments in charge. Every grade and size of watch produced by the leading makers of this country, the Waltham, Elgin, Howard, etc., etc., in richly engraved, ornamented, and jeweled cases, are a distinctive feature of their stock. Diamonds, rubies, sapphires, emeralds, pearls, etc., are used in large quantities. They do not sell any goods at retail, and their trade extends from one ocean to the other. This firm is composed of

Messrs. C. G. Alford and F. G. Thornbury. The senior member is a native of Massachusetts, and came to New York twenty-five years ago, possessed of indomitable pluck, and in all these years has given to the business the most untiring energy. Mr. Thornbury is a native of Canada, and arrived in the metropolis three years later than his partner. With men of marked ability and talent representing them throughout the country, they are constantly adding to their list of patrons, and the volume of their business is rapidly increasing.

FIFTH AVENUE CARPET COMPANY, Fourteenth Street and Fifth Avenue.—One of the leading carpet warehouses in the city of New York is that of the reliable and popular Fifth Avenue Carpet Company, Fourteenth Street and Fifth Avenue. This business was established in 1869, and was duly incorporated in 1883, under the laws of New York, with ample capital. The premises occupied comprise four floors, 50x125 feet each in dimensions, fully equipped with every appliance and facility for the accommodation and display of the choice and valuable stock. The assortment includes all the leading novelties in Wiltons, Axminsters, moquettes, body-brussels, velvets, ingrain, tapestry carpets, Smyrna and Oriental rugs, etc., of all the standard designs in new shades and colors. Twenty experienced and polite salesmen, assistants, etc., are employed, and the trade of the company is steadily increasing, owing to the superiority and reliability of its carpets and rugs. They have also an elegant furniture department, where all kinds of fine and unique furniture can be had in parlor, chamber, and dining-room sets, which are sold at prices in keeping with all the transactions of the house. Mr. R. E. Tindall, the manager, brings great practical experience to bear, and is highly esteemed by the community for his industry, business ability and integrity.

EAGLE JET AND ONYX MANUFACTURING COMPANY, Nos. 48 and 50 Maiden Lane.—In writing a detailed account of the industries of New York, with some mention of those industrial enterprises that have conduced so greatly to the benefit of the community, we must not overlook the fact that no little vitality has emanated from the trade in jewelry, which appears to become more important annually. In this department of trade a recently established and successful concern is the Eagle Jet and Onyx Manufacturing Company of Nos. 48 and 50 Maiden Lane. It was founded a little over a year ago, and since its inception has always enjoyed a popularity and an honorable reputation for the high character of the work turned out. The individual partners in this concern are Messrs. G. A. Bantel and J. J. Cohen. Mr. Cohen, the senior member of the firm, is considered one of the finest judges of eagle jet and onyx jewelry in the trade, in which he has been engaged for the past twenty-five years. He is a native of Germany and has been a resident in this city for twenty years. Mr. Bantel is a native of New York. Both are energetic, honorable business men, and they are meeting with the expanding degree of patronage which their merits fully warrant. The firm occupy the third floor of the building, and this is fitted up with every modern facility and appliance for the manufacture of jet and onyx jewelry. With the assistance of ten experienced hands, skilled in the business, jewelry is produced, either to order or otherwise, unsurpassed in beauty or design by that of any other house in the trade. A large stock is carried, and the firm is a progressive and successful one.

GROH & REID, Wholesale Dealers in Fish, Provisions, Butter, and Cheese, No. 91 Murray Street.—This firm are widely known as extensive wholesale dealers in fish, provisions, butter, and cheese, and have had an experience of twenty-two years in the business. The business premises comprise a four-story building, 25x60 feet in size, affording abundant storage room for the heavy and well-selected stock necessarily carried to meet the demands of an extensive and growing trade. The assortment of goods embraces dried fish, smoked provisions, butter, cheese, etc. Purchasing supplies in vast quantities from the best possible sources, having the advantage of large and ample capital which is all invested, and possessing specially favorable arrangements with producers and packers of goods, Messrs. Groh & Reid are enabled to compete on even terms with any house in the trade. The members of the firm, Messrs. J. A. Groh and A. C. Reid are among the best-known merchants of the metropolis, and are highly esteemed for their many excellent qualities, both as citizens and leading commercial representatives.

HENRY W. JORDAN, Importing Tailor No. 78 Nassau Street.—Among the foremost exponents of the tailors' art in this city may be mentioned the name of Henry W. Jordan, who sustains an A1 reputation for fine work in his line, while he carries constantly on hand an exceedingly fine assortment of the newest styles and patterns in imported woollens and worsteds from which the most fastidious can make selections. The stock embraces elegant cassimeres, cloths, chevots, serges, plaids, checks, stripes, tweeds, and fashionable suitings in great variety, and the garments leaving this well-known and popular establishment are first class in



every respect—in cut, fit, finish, and fabric, and from fifteen to twenty expert workmen are employed. This flourishing business was established some thirty years ago, and was conducted from 1869 to 1884 by Richard Bassett, when he was succeeded by the present proprietor, who, with twenty years' practical experience in the exercise of his art, it is only in the nature of things that he should have gained the large and highly-flattering patronage he deservedly enjoys.

WM. P. DURANDO, Wholesale and Retail Dealer in Beef, Veal, Mutton, and Lamb, Nos. 14 and 15 Washington Market.—Among the most popular of the varied business carried on in Washington Market is that of Mr. William P. Durando, wholesale and retail dealer in beef, veal, mutton, and lamb, at stalls No. 14 and 15, on the Vesey Street side of the market. This establishment deservedly maintains a high reputation for choice quality and excellence for all food products handled. It is one of the neatest and best-kept establishments in the market. The choicest and most wholesome of beef, veal, mutton, and lamb are always to be found displayed on the stalls, fresh supplies being received daily. Mr. Durando has been connected with the market in various capacities for the past thirty years, for fourteen of which he has been in business on his own account. He caters to and has permanently secured the best class of trade, and has a large and representative body of customers, employing two or more assistants to promptly meet the requirements of his numerous patrons. Mr. Durando is always at the post of duty, and makes a specialty of supplying steamboats, hotels, and restaurants, as well as families, at the lowest market rates. Goods are delivered free of charge in any part of the city, and all orders are given immediate attention. Mr. Durando is a native of this city, and a resident of New York.

WHITNEY & STARR, Oak-tanned Leather Belting, Manufactory and Salesroom, No. 232 West Street, and Piers (new Nos.) 25 and 26.—A leading house engaged in the manufacture of oak tanned leather belting is that of Messrs. Whitney & Starr. This house dates its inception back to 1857, when it was founded by Mr. Alex. M. C. Smith, who conducted it with uninterrupted success until 1886 when the present firm succeeded to the ownership. The commodious premises occupied for the purposes of the business consist of four floors, 24x70 feet each in area, and equipped throughout in the most complete manner for all required purposes, while employment is given a force of expert hands. A heavy stock is carried of oak-tanned leather belting, hydraulic, harness, rigging, bellows, and pump leather; belt punches, awls, copper rivets and burrs; crimp, flat, and spear valves, lace leather and hooks. These goods are all of the finest grades of quality and are offered at the most favorable prices. Attention is given to repairing and shortening belts. The members of the firm, Messrs. Orville P. Whitney and James H. Starr, the former a native of Massachusetts, the latter of this State, are favorably known in commercial circles.

JAMES SLEVIN, Importer and Wholesale Dealer in Teas, Coffees, Spices, Liquors, etc., No. 462 Greenwich Street.—Since Mr. Slevin founded his business in 1874 he has built up a large and influential connection with retail dealers throughout the city and surrounding country, and he commands an A1 standing in the trade. He carries on general operations as an importer and wholesale dealer in teas, coffees, spices, and also in foreign wines, liquors, and French liqueurs, receives his goods direct from the leading sources of production, and handles none but the finest grades and most superior quality of merchandise. Having the best of connections with producers and manufacturers he secures the greatest discounts, purchasing in heavy quantities, and can offer terms to the trade of the most advantageous character. His wareroom is filled with a large, fresh stock, and every facility is possessed for meeting all orders promptly and satisfactorily. Personally, Mr. Slevin is noted for his energy and business push, and through his enterprise he is assisting in a substantial manner in promoting the commerce of the city with ability and success.

MECKE'S Transfer Express, No. 76 West Thirty-sixth Street; Branch Office, No. 791 Eighth Avenue.—Mecke's Transfer Express is a great convenience to the community of New York, and has become very popular and is liberally patronized since the date of its establishment, 1886. Mr. A. Mecke, the proprietor, who is wide awake to the interests of the public, has been very successful in his enterprise and is highly commended for his promptness and reliability. He owns a number of fine horses and express wagons, and employs only careful men who can be depended on. Baggage and packages are called for and delivered to all parts of the city, and forwarded to Harlem, Brooklyn, Jersey City, Hoboken, and Staten Island. Two men accompany each wagon, and trunks are delivered to room south of Fifty-ninth Street at twenty-five cents each, and to all other sections and adjoining cities at very low rates. Mr. Mecke is also agent for the Erie Express. He was born in Brooklyn, and is well known throughout that city. His main office is at No. 76 West Thirty-sixth Street, with a branch at No. 791 Eighth Avenue. This express for some time had an office at No. 1317 Broadway. He has unsurpassed facilities for the storage of household goods at low rates.

GEORGE GOULET, Champagnes. A. Rampacher, General Manager, No. 42 Vesey Street.—The steadily growing popularity throughout the United States of the use of imported wines or champagnes has made the trade in these commodities assume proportions of the utmost importance. No establishment in the city has achieved greater prominence or popularity than the house of George Goulet, of France, whose splendid champagnes have acquired such a wide-spread, enviable reputation. The United States branch of the house, located at No. 42 Vesey Street, was established sixteen years ago. The manager, Mr. A. Rampacher, is a native of Germany, but has resided in this city for the past eight years. The spacious quarters occupied for his purposes consist of a store and basement 30x150 feet in dimensions, handsomely equipped with every convenience for the satisfactory conduct of business. A very heavy stock is carried of George Goulet's famous champagnes in the various sized bottles in which they are put up, and a steady, active wholesale trade is enjoyed, heavy shipments being made to all parts of the country. All orders are promptly filled, and all parties having transactions with Mr. Rampacher will find him a most agreeable gentleman with whom to have dealings.

JOHAN H. BALDWIN, Manufacturer of Brushes, Jobber of Toilet Goods and Druggists' Sundries, No. 167 William Street.—This gentleman founded his industry twenty years ago and has since been developing a constantly increasing line of operations as a manufacturer of brushes and jobber of toilet goods and druggists' sundries. The factory is equipped in the most improved modern fashion for the purposes intended, and employment is afforded a staff of expert workmen. The brushes made here are of the finest description, and are unsurpassed for reliability and excellence of finish, and every facility is possessed for promptly meeting the wants of the trade and the public on the most reasonable terms. Both a wholesale and retail demand is supplied and the house stands in high favor with all its patrons. Mr. Baldwin, who is a native of Ohio, has resided in this city for the past thirty years.

THE NEW "MIKADO" SIPHON OIL CAN AND LAMP-FILLER,
No. 22 Platt Street; C. C. Champlin, Sole Eastern Agent.
—An invention of the greatest value to the many millions of persons who consume kerosene is that known as the New Mikado Oil Can and Lamp-filler, manufactured by Messrs. Gibson, Parish & Co., of Chicago, Ill. Mr. C. C. Champlin, of No. 22 Platt Street, is the sole agent for this filler for New York and the Eastern States, and has been established for the past two years. The following illustration shows the can and the method of working it. It is constructed on the siphon principle, making it the most practical and satisfactory oil can in the



market. Produces a steadier, heavier flow of oil, with less exertion and in less time, than any other can. Will also siphon the oil out of the lamp or other vessel back into the can if necessary—a feature possessed by no other can in the market. It requires no lifting, the lamp, etc., being placed on top of can in filling. Has a concave top with opening in centre to collect all waste or drip and carry it back into the can. The opening is closed by an air and evaporation-tight cap; the filling tube is adjustable to any size lamp. The body of the can is made of good quality tin plate, and the jacketed cans are encased in finely finished and durable veneer jackets, bound with japanned iron hoops and joined with a japanned tin strip, making them exceedingly strong and serviceable. Every can is tested and guaranteed. The premises occupied by Mr. Champlin consist of a spacious floor 25x100 feet in dimensions, excellently adapted to the purposes required, and filled with a very heavy stock of cans of all sizes. The trade is supplied at the most favorable rates. Dealers who have handled the goods find the Mikado cans very profitable merchandise to keep on sale. Mr. Champlin is a native of Essex, Conn. For many years he was connected with the shipping trade, and acquired a wide-spread business acquaintance.

HENRY E. OPPENHEIMER & CO., Makers of Fine Diamond Jewelry and Dealers in Diamonds, No. 47 Maiden Lane.—In no branch of industry in the United States have more rapid strides been made than in the manufacture of jewelry. For many years, especially for the finer and more artistic productions, we were compelled to look to Europe for our supplies, but to-day American jewelry is quite equal in excellence of workmanship and beauty of design to goods made abroad. A young house that has rapidly gained a foremost position in the manufacture of fine diamond jewelry and in dealing in diamonds, is that of Messrs. Henry E. Oppenheimer & Co., who established this enterprise in January 1887, and since that period they have built up a substantial and influential patronage. The firm occupy one floor of the building No. 47 Maiden Lane, and this is 20x125 feet in dimensions, and equipped with the latest improved mechanical appliances pertaining to the trade. Twenty-two skilled and experienced artisans are employed in making fine diamond jewelry in all the newest and popular designs for the trade. A large stock of jewelry and diamonds is kept on hand, and these are offered to dealers at prices which cannot be surpassed by

those of any other house. The sales are of a wholesale character, and the business relations of the firm extend to all parts of the country. The success of the firm has been sharp and decisive and fully merited in every respect. Messrs. Henry E. and M. E. Oppenheimer, who are brothers and natives of this city, are members of the firm, and their associates in the enterprise are Messrs. David and Norbert Gunzburger, who are also brothers and natives of Germany. All the partners are young, enterprising business men, and, judging by their past success, the future has even brighter prospects in store for them.

DOUGHERTY, HERTEL & CO., Tailors and Importers, No. 174 Fifth Avenue.—One of the leading merchant-tailoring houses in the city is that of Messrs. Dougherty, Hertel & Co., the extent of whose operations entitles them to special mention in this volume. The business was inaugurated in February, 1886, and a patronage has since been developed which is at once large, influential, and permanent, and the trade now reaches to all parts of the United States. The individual members of the firm are Messrs. Theodore M. Dougherty, F. E. Hertel, E. W. Emery, C. E. Fairchild, and R. A. Ryley. These gentlemen were for a long time connected with the well-known house of Brooks Bros., this city, and have each had practical experience in their present line of business ranging from twenty to forty years. The quarters occupied consist of a spacious floor 25x100 feet in dimensions, fitted up throughout with tasteful elegance. A large stock is carried, the assortment embracing a splendid line of the finest European cloths and cassimeres, which the firm import direct from the leading manufacturers, and the assortment is always replete with the latest and most fashionable novelties. Employing a corps of expert tailors, the firm make a specialty of making custom clothing, and the garments produced by them are striking examples of correct style, perfection in fit, and finished workmanship, while the prices are as moderate as the high character of the work will justify. Orders are given prompt, satisfactory attention, and all goods purchased from this reliable house invariably meet with customers' full appreciation.

L. BAILY, Dealer in Shoe Manufacturers' Goods, No. 21½ Spruce Street, Corner of William Street.—One of the leading and representative dealers in shoe manufacturers' goods of all kinds in New York is Mr. L. Baily. He was born in New Jersey, and has been a resident of New York for the past forty-four years. In 1860 he established in business upon his own account, having previously been identified with the fancy shoe upper-leather trade from 1853. He has developed a business of extended connections, and few in "the Swamp" are more widely or favorably known. At this place of business the shoe manufacturer will find the most celebrated brands of foreign and domestic kid skins; French and American morocco; American, French, and English sheep skins; bronze, silver, and gold leather; English and American lastings and serges; elastic web, galloons, shoe laces, shoe-buttons, button-hooks, seal and alligator skins, grain leather, patent leather, both imported and domestic, shoe linings, and all other shoe manufacturers' goods. Mr. Baily is an acknowledged expert, and is a prudent buyer, exercising sound judgment, and manufacturers and shoemakers can fully rely on the superiority of all goods emanating from his establishment, both at wholesale and retail.

DORETHY & WADSWORTH, Blacksmiths, No. 357 West Street.—This business was established about three and a half years ago at its present location and by its present proprietors. From the first it has done a steadily paying trade, and the firm have gained considerable reputation for the excellence of their work in all branches. Every description of blacksmithing is done in the very best manner and at the lowest possible rates. A specialty is made of marine work, in which Messrs. Dorethy & Wadsworth do a large business. All orders are attended to with the utmost promptitude, and perfect satisfaction is guaranteed in every case. From eight to ten thoroughly competent assistants are constantly employed. A part of the shop, 25x150 feet in dimensions, at No. 357 West Street, is occupied; steam-power is used. The members of the firm are both practical men. Mr. William S. Dorethy is a native of England. He came to the United States in 1863, and has resided in this city ever since. He is a machinist of ten years' experience. Mr. Fred. S. Wadsworth was born in Maine, but has been a resident of New York many years. He has been a blacksmith more than thirty-two years. The firm is a representative one in its line.

RANSOM & CO., Wrought and Cast Iron Pipe and Fittings, etc., Nos. 138 and 140 Centre Street.—A successful and prominent house in New York, engaged in the sale of wrought and cast iron pipe and fittings, is that of Messrs. Ransom & Co., whose office and salesrooms are located at No. 138 and 140 Centre Street. This business was established in September, 1885, by Mr. W. H. Ransom, who conducted it till 1887, when Messrs. Curtis & Co. of Cohoes, N. Y., became partners. Mr. Ransom is the resident partner and brings great practical experience to bear, coupled with an intimate knowledge of every detail of the business, and the requirements of customers in all sections of the country. The premises occupied comprise a spacious store and basement 50x125 feet in dimensions, fully equipped with every appliance and facility for the successful prosecution of the business. Messrs. Ransom & Co. keep constantly on hand a large stock of wrought and cast iron pipe and fittings, for steam, water, gas, and oil, brass and iron valves and cocks; also railway, steamship, machinists', engineers' and factory supplies, which are offered to customers at the lowest possible prices, consistent with first-class materials and the best workmanship. The firm are likewise agents in New York for the Crosby Steam Gauge and Valve Company, Rensselaer Straightway Gate Valves, the Marsh Patent Automatic Air Valves, and the famous Excelsior Radiators, Ideal Steam and Hot Water Radiators. All the goods and specialties handled by this responsible and trustworthy firm are unrivalled for utility, reliability, quality, and general excellence and have no superiors in this or any other market. The trade is both wholesale and retail, requiring the services of fifteen clerks, salesmen, etc., and is steadily increasing, owing to the superiority of the firm's productions, which are general favorites with the trade wherever introduced. Mr. Ransom was born in New York, and is highly esteemed by the community, as a liberal, honorable, and enterprising business man, justly meriting the signal success achieved in this valuable and growing industry. The Telephone call of the house is "Spring 837."

C. A. PARSONS, Sole Licensed Manufacturer of Bangs' Druggists' Furniture, No. 35 Murray Street.—There is no branch of the mechanical arts in which such rapid progress and improvement has been made within recent years as in the production of artistic store fixtures. The perfection attained in this branch of constructive enterprise is best shown in this city by C. A. Parsons, sole licensed manufacturer of Bangs' druggists' furniture at his salesrooms, No. 35 Murray Street. This business was established in New York in 1885, and is under the personal management of Mr. C. A. Parsons. The factory is located at West Everett, Mass. This house is prepared to supply its patrons with solid cherry fixtures, sectional drug stores, counters, prescription desks, etc., and makes a leading specialty of Bangs' sectional drug stores, patented Oct. 26, 1886. It is an admitted fact that a store fitted with taste and elegance invites the best class of patronage and gives a great advantage over competition. A fine store is a permanent and effective advertisement, and a notice to the public that the best is dealt in. Believing that the best results are to be obtained through good fixtures, this house refuses to supply other than good, preferring to supply good work at a cheap price rather than cheap work at any price. The advantages of interlocking sections in a drug store, that when locked together form lines of any length, from 3½ feet upward, and in which all sections are interchangeable, will be readily recognized. They are easily movable, and can be shipped to any part of the country. This enables the manufacturer to devote his time to this as a specialty, and therefore give the subject the study that no manufacturer making an occasional store can afford to do. It enables the adapting of machinery and workmen to the particular work required. Lastly, it enables the druggist to obtain as fine a store for \$1000 as he formerly secured for \$2000, or often more. Bangs' sectional fixtures possess many advantages. They can be made more economically; they can be made to fit a specified place, but will fit other situations equally well. If you move or sell they are of greater value. They enable the druggist to obtain greater value for his money. They do away with the necessity of cheap soft-wood fixtures. Mr. Parsons makes a business of planing and building drug stores, understands your wants, and the annoyances and inconveniences of many things you might think you want when explained you, their inutility is quickly seen. A druggist starting in business who allows a few dollars difference between elegant fixtures and ordinary or cheap ones to decide in favor of the

latter, places himself at a disadvantage over his more enterprising competitor. If you can afford to start in business at all, under the system here offered, of low prices and easy terms, you can afford to start right and take high rank by securing surroundings that will merit you the confidence of the public. No imitation woods are used, and the fixtures are made at a very low price. There are to-day hundreds of places and opportunities for stores of the highest class in modern fittings and appliances, with success assured from the start. In the fitting of a drug store much money may be expended without attaining the desired effect, viz: to impress upon your customer or the public the neatness and elegance of your store and stock. To do this successfully requires either exceptional taste or experience, or both combined. The house of Mr. Parsons gives the trade the benefit of long experience in the drug business and the experience and taste acquired in the fitting of a large number of elegant stores. In addition to this, the customer obtains the most practical style of fixtures in the world in Bangs' patent sectional druggists' fixtures. Mr. Parsons, the manager of this deserving enterprise in New York, is a native of Maine, and has been connected with the drug business for twenty years. He is prepared to conduct all transactions under the most favorable auspices, granting his patrons every advantage possible as regards both goods and prices.

CHARLES MAGNUS, Diamonds, Pearls, and Jewelry, No. 18 John Street.—The increased demand for jewelry, especially of the better class, has of late years been one of the most marked indications of the higher civilization toward which we are rapidly progressing, and in no city in the Union is the trade in this line carried on so extensively. A young but flourishing house in this line of business, and one deserving of special recognition in this Review, is that conducted by Mr. Charles Magnus, of No. 18 John Street. This establishment, although opened less than a year ago, has quickly sprung into popularity with the trade and the public, because of the high artistic merits of the merchandise handled, and the strict adherence of the proprietor to a liberal and honorable policy in the transaction of all his affairs. The premises occupied are tastefully appointed, and contain a large stock of the finest diamonds, pearls, and other precious stones, and also elegant jewelry of every description, in choice designs, and representing the highest class of workmanship in this line of manufacture. With every facility for promptly filling orders on the most favorable terms, this house is well worthy the patronage of all who may choose to so favor it. Mr. Magnus is a native of New York, has had years of experience in his vocation, of which he is a thorough master, and he is eminently deserving of the success which he is achieving.

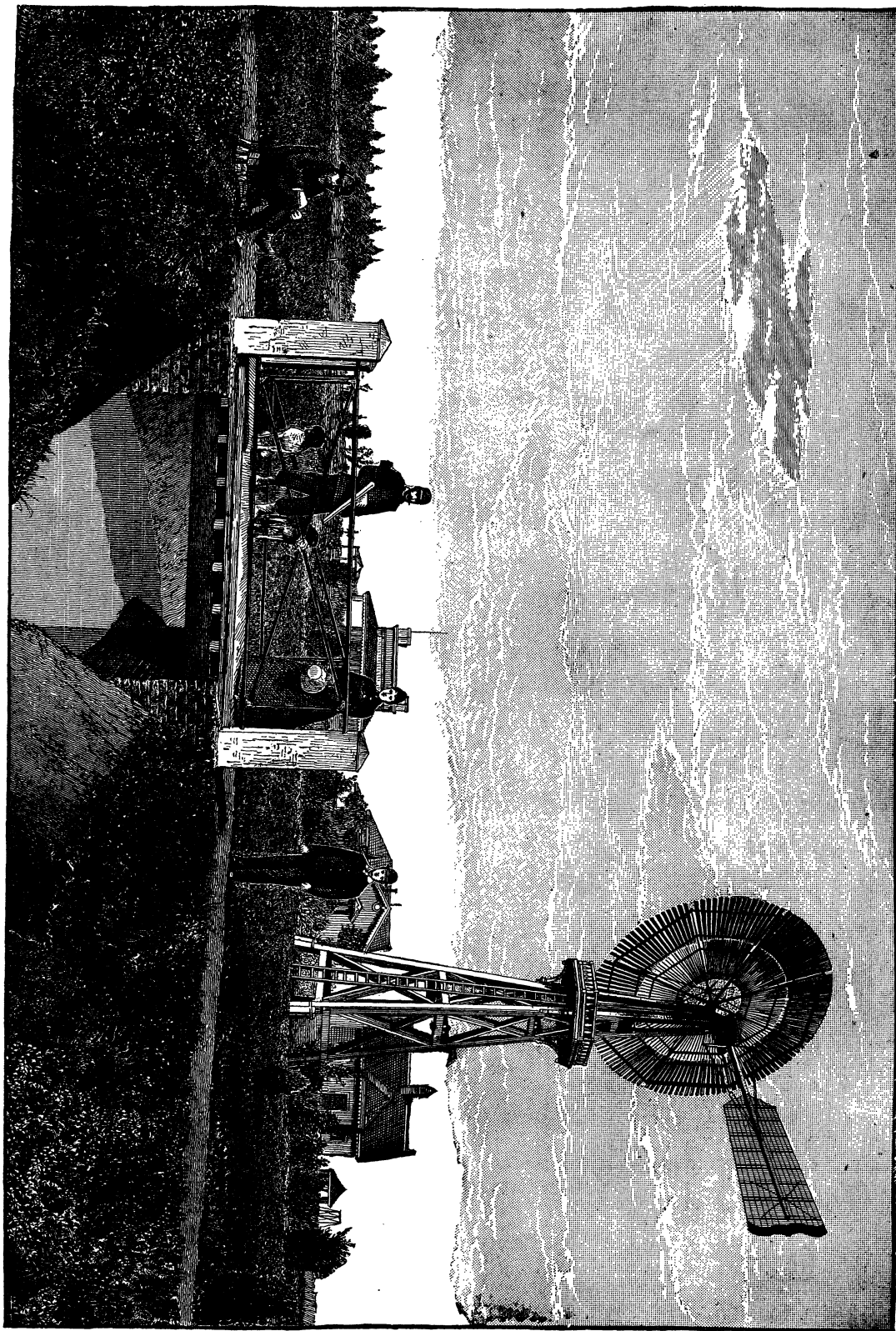
R. N. ELDRIDGE & CO., Wholesale and Retail Dealers in all kinds of Fresh Fish, Green Turtles, Terrapin, Crabs, Lobsters, etc., No. 327 and 328 Washington Fish Market, Hotels, and Shipping supplied at short notice.—Notwithstanding that everybody is a consumer of fish, there are few who realize how very important an article of commerce it has become. It should be remembered that every pound of fish taken from the water is so much wealth added to our resources, and when it is known how great the product of our fishery industry is then we can form an intelligent idea of its annually-increasing value. One of the oldest houses engaged in the fish trade in the metropolis is that of Messrs. R. N. Eldredge & Co., of Nos. 327 and 328 Washington Fish Market, which has been in continuous existence for a period of sixty years, and is familiarly known throughout the city and its vicinity. The house was founded in 1828 by Mr. R. N. Eldredge, and was conducted by him, under the firm style of R. N. Eldredge & Co., with unchecked success from the outset. In 1884 Mr. Eldredge's death occurred, after a long, honorable, and most useful business career, his loss being generally regretted throughout the community. The business is now carried on by his three sons: W. H., who has been in this trade thirty years; E. I., who has had fifteen years' experience; and R. W., of about ten years'. The quarters occupied are fitted up in the most complete and tasteful style, and are equipped with every convenience for the handling and display of stock, as well as every facility for promptly meeting the wants of the public. A large stock is at all times carried, including the choicest fresh fish of all kinds; also green turtles, terrapin, crabs, lobsters, shrimps, scallops, etc., and both a wholesale and retail trade is supplied on the most favorable terms. They are energetic, reliable business men and highly regarded by the trade and the public.

A. J. CORCORAN, Manufacturer of The Corcoran Storm-defying Windmill, etc., No. 76 John Street.—It is a noteworthy fact that there are more windmills in use at the present time than at any other period in the history of the world, and that no country makes such extensive application of these useful motors as does America. Competent authority (See Wolff's treatise on Windmills) places the number in operation in the country at several hundred thousands. There is no doubt but that for pumping water in moderate quantities, for running farm machinery, for charging electrical storage batteries, and for similar purposes, the properly-constructed windmill is the cheapest motor in existence. Its only current expense is oil, and a quart of oil put into the oil-cups once every three or four weeks is all that is required to ensure the proper working of the windmill. And this amount of attention covers the whole item of attendance, viz., a few minutes of unskilled child's labor every three or four weeks. A few special uses of the windmill may be mentioned. Water is supplied to country houses and farms, to manufacturing establishments, and to the upper stories of office buildings and domestic dwellings when the pressure in the reservoir is not sufficient to effect this; railway water stations and tanks are supplied with water, and dry lands are irrigated. Can there be any question that it is cheaper to raise and use water in this way, by means of windmills, rather than to employ steam pumps, which require expensive boilers, fuel, and experienced engineers to run them? Of course we must be able to depend on the windmill, but this result can be achieved every time, if care is taken to use the Corcoran Storm-defying Windmill, manufactured by Mr. A. J. Corcoran, of No. 76 John Street, New York city. Mr. Corcoran's mill, which embodies the most recent and best improvements in this type of motor, is the strongest and best constructed windmill in the market. It is supplied with self-acting governing appliances, so that the rate of revolution is uniform, irrespective of variation in the force of the wind, and it runs to full capacity on an average eight hours per day during the whole year. The engraving on the opposite page shows the Corcoran mill, with the rudder, which always keeps the wheel to the wind, and the side-vane that changes the angle at which the wind strikes the wheel, so an automatic regulation and motion is attained as perfect as in the most modern and expensive automatic cut-off steam engine. Mr. Corcoran's prominence in the windmill business is such that besides having the cream of the trade in New York State and neighborhood, he controls almost exclusively the foreign export trade, South America, Australia, etc. His business has been steadily assuming such increased proportions, that he has lately found it necessary to extend his already large manufacturing facilities. His factory in Jersey City (Jersey Avenue and Thirteenth Street) is, accordingly, fully equipped with the latest-improved appliances and machinery, and furnishes employment to forty skilled workmen. In addition to the manufacture of storm-defying windmills, Mr. Corcoran has introduced a superior system of water supply for rural residences, hotels, villages and parks. He has been engaged in this business in the metropolis for the past twenty-seven years, and is highly esteemed by the community for his scientific and practical skill, his enterprise, and his integrity. It is a significant fact that Mr. Corcoran's customers become his friends, and extend the knowledge of the benefits they enjoy of abundant and economical water far and wide. It is well-known that many people use much less water than they would otherwise do, or indeed than is really required, because they do not know how easily and inexpensively they can procure the proper water supply by the employment of a good windmill. As we have already intimated, Mr. Corcoran's storm-defying windmill requires no fuel nor skilled labor, and next to no attention. Its first cost is practically its only cost. By its use, domestic cleanliness and comfort become as attainable in any remote suburb or country-place as in a city with an elaborate system of water-works, and agriculture and horticulture are furthered. The dread of fire, too, is greatly lessened when this windmill forms part and parcel of the fittings of the residence. As a guide to the selection of windmills for domestic, farming, railroad, manufacturing, and other purposes, Mr. Corcoran has issued a very superior and unique Illustrated Catalogue, which is forwarded promptly on application at No. 76 John Street, New York city. At the Centennial Exhibition at Philadelphia Mr. Corcoran was awarded the silver medal. He also received the highest awards at the Paris Exposition, 1878, and at Matanzas in 1881. In conclusion we would observe that wherever one of the Corcoran storm-defying windmills finds its way, Mr. C.'s sales become extensive very rapidly. Simple, safe, and slightly, this superior windmill is an inexpensive, untiring, noiseless, and valuable servant, certain to win and keep the favor of all who try it.

O. LIVIT BROTHERS, Produce Commission Merchants; Butter, Cheese, Eggs, Poultry, and Game; No. 335 Washington Street.—One of the most prosperous and best-ordered houses engaged in the wholesale produce commission business in this city is that carried on by the Messrs. Olivit Brothers, of No. 335 Washington Street, corner of Harrison. This establishment was founded in 1878 by the present proprietors, Messrs. George W. Olivit, Ambrose Olivit, and J. P. Cowper, all natives of New York State, active members of the produce and mercantile exchanges, and widely known in commercial circles as business men of excellent talent, and exponents of progressive, energetic, and honorable trade methods. They have acquired a first-class patronage, and built up a trade of a permanent and influential character. The premises occupied consist of a four-story building, 22x50 feet in size, fully supplied with every facility and convenience for the accommodation and handling of the goods dealt in. Large consignments are constantly being received from the best sections of New York and the neighboring States, the firm handling butter, cheese, eggs, apples, potatoes, dried and evaporated fruits and domestic fresh fruits, poultry and game, and general produce. Consignments are solicited, advances being given when desired, and rapid sales and quick returns is the rule characteristic of this reliable house. All invoices received are answered without delay, and the firm are commended as a most worthy one with whom to establish commercial relations. Dealers anticipating forming relations with this house can get rating from *Bradstreet's*, and also from the North River Bank.

W. D. STRYKER & CO., Manufacturers of Military Clothing, No. 201 Grand Street.—This responsible house has been in successful operation since 1870, and has secured a liberal, influential and increasing patronage, not only in this city and State, but their contracts extend throughout the different States of the Union. The range of manufacture comprises military, police, and firemen's uniforms, which are produced to order with eminent satisfaction in all cases. This firm excel in careful attention to details, and use only the most superior and desirable goods for materials, and most substantial gold, gilt, silk, and mohair trimmings, a complete stock of which is constantly carried. Skilled hands contribute to the satisfactory operations in this their exclusive line of business, and the uniforms here manufactured are recognized as the perfection of style, finish, elegance, and artistic workmanship, having no superiors in the country. All orders receive the immediate personal attention of the firm, and a visit to the house will satisfy buyers that the productions are absolutely unrivalled, and well merit the praises bestowed upon them. The prices which prevail are such as to add materially to the popularity of the house among officers, national guards, and bands, and all branches of the business are conducted with a due regard to the best interests of patrons. Mr. Stryker, having been practically engaged in this particular trade over twenty years, is enabled to assist the different organizations in adopting desirable styles of uniform and quoting low figures in first-class work.

C. HRISTIAN DILG, Practical Machinist and Model Maker, Manufacturer of Hardware, etc., No. 191 Worth Street.—Among the old-established and prosperous business enterprises which contribute to the trade-wealth and importance of this great business district should be mentioned that of Mr. Christian Dilg, practical machinist and model maker, at No. 191 Worth Street. Mr. Dilg began business on Green Street as far back as 1865 and has been located at the present site since 1881. The spacious premises occupy an entire floor of the building, and the general complete equipment of the establishment embraces all the latest and best improved machinery and appliances for the purpose, operated by ample steam power. A corps of eight to twelve experienced mechanics is employed, and the extensive business comprises the manufacture of hardware, specialties, brass work, tools, dies, cutters, press-work, shafting, pulleys, hangers, tip-printers' presses, and supplies; also models and all patented articles are made under contract and machinery of every description is designed and built to order. The work turned out in each and every department embodies the highest degree of artistic and mechanical excellence, and the wide popularity of the establishment is shown in its extensive and liberal patronage. Mr. Dilg was born in Germany, where he early served his apprenticeship and became an expert machinist. He came to this city in 1864, and in the following year embarked in the fine enterprise with which he has since been both prominently and prosperously identified.



A. J. CORCORAN'S STORM-DEEPLYING WINDMILL.

CHAS. S. JONAS & BRO., Paper Rulers, No. 23 Beekman Street.—The business of ruling paper is one among the most important industries carried on in the "paper district" in Beekman Street and vicinity, and is well represented by the firm of Chas. S. Jonas & Bro., who are experienced practical men, and own and conduct one of the most complete and perfectly fitted-up establishments for doing this kind of work in the city. The premises are 23x85 feet in dimensions, and contain a number of the most accurate ruling machines of the latest improved pattern, and are provided with the best facilities for ruling paper for blank books, blanks, and other purposes with neatness in any manner desired. The ruling machines are operated by steam power, and from ten to fifteen skilled work-people are employed. Mr. Charles S. and Mr. Richard A. Jonas, the co-partners, are both natives of New York, have always lived in the city, and are well known in business circles. Mr. Chas. S. Jonas, who has had fifteen years' experience as a paper ruler, established the business in 1882 and in 1886 admitted his brother Richard to an interest, and from that time the operations have been conducted under the present firm name. The trade, which is mostly local and confined to those engaged in the paper trade, blank-book manufacturers, and printers, is large and prosperous, and orders are filled from all the surrounding sections. The reputation of the firm is of the highest character, and the workmanship is commended and spoken of in unqualified terms by all who have business transactions with the house.

E. W. LAGERROTH, Importing Tailor, No. 835 Sixth Avenue.—One of the well-known popular merchant tailors on Sixth Avenue is Mr. E. W. Lagerroth, whose finely-appointed, well fitted-up establishment is located at No. 835 on that thoroughfare. The premises have an area of 25x35 feet, and contain a large, valuable assortment of first class European fabrics of his own importation, and also the best quality of goods made in this country, embracing fine woollens and suitings, diagonals, tweeds, cloths, cassimeres, truserings, etc., in the new, beautiful, desirable, seasonable patterns which have been carefully chosen expressly for a cultured and refined class of custom. Mr. Lagerroth is a gentleman who thoroughly understands how to please the public and his patrons, and as a careful, correct, scientific cutter is not surpassed by any other reliable merchant tailors up-town. He has for many years been engaged in the business, and during the time he has been in his present location has been very successful and established a substantial, first-class trade. Born in Sweden, Mr. Lagerroth arrived in this country early in life and is well and favorably known in the community.

JOHAN KLINKER, Grain, No. 562 West Fifty-second Street.—Since this house was established by its present enterprising proprietor, in 1852, it may be said to have reaped uninterrupted prosperity. The premises occupied for the business are spacious and commodious, and every convenience and facility is afforded for conducting the business upon a proper scale. Here is stored a stock of hay, oats, feed, meal, oil-meal, corn, cracked corn, straw, salt, etc. The business is carried on at both wholesale and retail, and the proprietor prides himself upon his ability to fill all orders with promptness and satisfaction. His stock is kept steadily up to the highest standard of excellence, and the prices which prevail are the lowest known to the market. The patronage of the house is large, first-class, and influential throughout the city, and is annually increasing in strength and importance under the stimulating effects of energy, reliability, and well-directed enterprise. Mr. Klinker is a native of Germany, well and favorably known in this city as a solid and substantial business man.

A. BRAUTIGAM, Manufacturer of and Dealer in Upright, Square, and Grand Piano Fortes, No. 8 East Seventeenth Street.—The great advancement made of late years in musical culture has rendered the task of the piano manufacturer and dealer one demanding superior skill and enterprise. Prominent among the successful representatives of the piano trade in the metropolis is Mr. A. Brautigam, who established this business in its present location thirty years ago, and from the very start has obtained a liberal and influential patronage. His upright, grand, and square pianos are unsurpassed for elegance of finish, beauty of design, purity of tone, evenness of action, and delicacy of touch, combined with great power and general excellence. Every possible improvement has been introduced into these instruments, which have no superiors in this country or Europe, while the prices quoted for them are ex-

tremely reasonable. These pianos are sold either for cash or on the instalment plan, or are rented to patrons at low rates. Mr. Brautigam makes pianos to suit any style of furniture; all instruments are fully warranted, and those sold in the city or vicinity are kept in tune one year free of charge. Special attention is paid to repairing and tuning. Mr. Brautigam was born in Germany, but has resided in New York for the last forty years. Mr. Brautigam's upright, square, and grand pianos are sold at prices as low as can be named for first-class instruments.

F. KAUFMAN & CO., Manufacturers of and Dealers in all kinds of Leather, No. 178 William Street.—It is an agreeable task to chronicle a house that has had such a successful career as this. The business was founded in 1866 by Mr. F. Kaufman, and under his energetic and able methods a large and flourishing business was quickly developed, until now the operations reach to all parts of the United States. Mr. Kaufman carries on a general line of business as a manufacturer of calf skins, and dealer in all kinds of leather. His extensive factory is located in Herkimer county, New York State, the plant being of the most complete description, and employment is furnished a force of seventy-five hands. At the spacious and finely-furnished salesroom in this city a very heavy stock is carried, and every facility is possessed for the prompt fulfillment of orders. The lowest prices are always quoted in all sales made, and goods are shipped without delay. Mr. Kaufman, though born in Germany, has lived in New York the greater portion of his life, having come here in 1853, when but six years of age.

J. B. CONKLIN, French Pig's Feet, Tripe, and Lamb's Tongues, for Hotel, Shipping, and Family Use, No. 202 Fulton Market.—During the past thirty-eight years the well and favorably known Fulton Market stand of J. B. Conklin, dealer in French pig's feet, tripe, and lamb's tongues, has been in prosperous existence. The business was started in 1850 by R. B. Conklin (brother of the present proprietor), and by him it was conducted up to 1886, when he was succeeded by the gentleman whose name heads this sketch, and who has since continued it with unbroken success. The stand is clean, neat, and compact, and a heavy and very superior stock is constantly carried, while several efficient assistants are in attendance. Hotels, restaurants, shipping, and families are supplied in the most prompt and satisfactory manner, at lowest wholesale rates, all orders receiving prompt attention, and the trade, which is both wholesale and retail, is large and prosperous and steadily increases with years. Mr. J. B. Conklin is a gentleman in the full prime of life, active and energetic, and is a native and resident of Long Island.

B. & O. MYERS, Paper, No. 16 Beekman Street.—Messrs. B. & O. Myers, established this business thirty years ago and have had great experience in the paper trade and possess an intimate knowledge of the wants of jobbers and dealers. The premises occupied comprise a spacious store and basement, 25x120 feet in area, fully equipped with every appliance and facility for the large and well-selected stock. Messrs. B. & O. Myers deal largely in book, newspaper, and a general line of superior printing papers, which are offered to the trade at the lowest ruling market prices. They control the production of several first-class mills, and possess ample facilities and resources for filling the largest orders in a prompt and satisfactory manner. They handle only the finest grades of paper, and their trade now extends throughout all sections of the United States. Mr. B. Myers is a native of New York city, while Mr. O. Myers was born in Dutchess County, New York.

H. ENRY LUHRS, Fruit and Produce, No. 41 Ninth Avenue.—Mr. Henry Luhrs, the popular dealer in fruit and produce, is well known in business circles, and during the past seven years has built up a large, widespread, substantial custom. He is an energetic business man and has made many friends, and at his establishment is always to be found the finest and choicest foreign and domestic fruits and country produce, greens, vegetables, fruits, poultry, etc., that come to the city. He is a gentleman of undoubted integrity, and all who have dealings with him speak in unqualified terms of his straightforward, honorable business methods. Mr. Luhrs was born in Germany; he came to New York in 1862, and has been established in business about seven years. He is a member of high degree in the order of Odd Fellows and in the Knights of Honor.

JOHAN A. MOLLER, Book-binder, Manufacturer of Blank Books, Portfolios, Artistic Stationery Goods, etc., Nos. 156 William and 75 Ann Streets.—An establishment that has acquired a well-merited reputation for fine work in this line in the city is that of John Moller, book-binder, and also manufacturer of blank books, pads, and novelties in stationery, whose products are in steady and constantly-increasing demand in the trade, owing to the general excellence and reliability of the same. This flourishing enterprise was started in 1875 by the gentleman whose name heads the sketch, and from the inception of the venture has been conducted with uniform and gratifying success. Turning out a very superior class of work, and prompt and reliable in his dealings, the result could scarcely have been other than the large measure of prosperity Mr. Moller has from the first enjoyed. The bindery and factory occupies a 25x100-foot floor, and is supplied with ample and excellent facilities, while fifteen or more expert hands are employed. Book-binding of all kinds, both plain and ornamental, is done in the highest style of the art; also pamphlet and law-case work, and orders for checks, receipts, and kindred stationery specialties are executed in the most expeditious and superior manner. Blank books of every description, portfolios, artistic stationery goods, leather novelties, cloth cases and sample cases likewise in great variety are manufactured, an A1 assortment of the same being carried in stock at all times, and altogether Mr. Moller has an extensive city and suburban trade. Mr. Moller was born in Sweden, but has lived in this city since 1865.

CRANSTON & CO., Sole Manufacturers of the "Undercut" and "Sterling" Paper-cutting Machines, etc., Nos. 57 to 61 Park Street.—In the invention of labor-saving machinery of every description American ingenuity leads the world. Scarcely a day passes in which some useful machine or contrivance for saving time and labor is not placed on the market. Of the numerous highly-useful inventions introduced during the last few years for the purpose of paper-cutting, none have obtained such an excellent reputation with the trade as the famous "Undercut" and "Sterling" paper-cutting machines of Messrs. Cranston & Co., whose New York office and workshops are located at Nos. 57 to 61 Park Street. This business was established in 1872. The members of this copartnership are Messrs. Chas. Cranston and E. J. Sterling, both of whom have had great experience in the manufacture of paper-cutting machines, and are fully conversant with every detail and feature of this useful industry, and the requirements of the trade in all sections of the United States and Canada. The workshops are commodious, and are fully supplied with all modern tools, machinery, and appliances necessary for the successful prosecution of the business. Thirty experienced and skilled machinists, operatives, etc., are employed, and the machinery is driven by steam-power. Messrs. Cranston & Co. are the sole manufacturers of the popular "Undercut" and "Sterling" paper-cutting machines; also of the Sterling and Rider patent friction pulleys and couplings. These paper-cutting machines, pulleys, and couplings, are unrivalled for utility, reliability, and efficiency, and have no superiors in the United States or Europe. They are general favorites with the trade wherever introduced, and are offered to customers at very moderate prices. Messrs. Cranston & Sterling are both natives of Connecticut. They are greatly respected by the community for their mechanical skill, industry, and just methods, and their success is the natural result of a combination of practical ingenuity with business talent, and is fully merited.

PETER KOELBLE, Gold, Silver, and Nickel Plating, Electro-bronzing and Oxydizing, No. 141 Elm Street.—Probably as fine and successful work of its kind as is performed anywhere in the metropolis is produced at the establishment of Mr. Peter Koelble, the well-known gold, silver, and nickel plater. The enterprise so successfully conducted here by Mr. Koelble was originally conducted by Messrs. Koelble & Steiner, in 1885, the present proprietor succeeding to the sole control in January, 1886. His business premises are spacious in size, thoroughly equipped with steam power and all modern facilities for rapid, systematic, and successful work in every branch of the business, and employment is given to some ten skilled workmen. In gold, silver, and nickel plating, electro-bronzing and oxydizing, zypirus, copper, and other colors, Mr. Koelble is prepared at all times to perform prompt, successful, and satisfactory work in every respect. A specialty is made of the

finest class of work. Mr. Koelble is a native of New York, and has been engaged in this business for the past thirty years. He is reasonable in his terms and prices, and prompt and reliable in meeting all his engagements.

JOHAN F. HEIL, Manufacturer of all Kinds of Show-cases, No. 5 North William Street.—Established in 1864, this concern occupies the first floor at the above number as a factory and salesroom, it having an area of 25x150 feet, and being fitted up with all the requirements for turning out first-class work, employment is given to four skilled workmen, and the stock carried is heavy and well assorted. The trade is both wholesale and retail, and is confined to the city and its vicinity. The finest grade of French plate-glass with silver sash and the ordinary cheap grade of show case are both manufactured, but it is to the former that particular attention is given, and some elegant show-case designs are sent out of this factory. Jewelry trays are kept in stock and the concern are always in receipt of orders for special-length show-cases, or for goods of a special and unique design. John F. Heil was born in Germany and has lived in this city since 1852, and has been a practical show-case maker since 1855. A man of good judgment and business ability, he does a legitimate business of steady proportions.

WM. RITTER, Wholesale and Retail Dealer in all kinds of Fish, Oysters, Clams, Crabs, Lobsters, and Smoked Fish, No. 523 Grand Street.—One of the most active and enterprising east-side merchants is Mr. Wm. Ritter, wholesale and retail dealers in all kinds of fish, oysters, clams, crabs, lobsters and smoked fish. Mr. Ritter was born in Germany—came to this country at an early age in 1852, and for upward of thirty years has been identified with the sea-food trade. Formerly for a number of years he was engaged in the business on Long Island, but in the latter part of 1885 he came to this city and founded the present fine establishment. The premises, 25x100 feet in dimensions, are systematically and conveniently arranged. Here are to be found all varieties of sea food, in the highest degree of purity and freshness, and four experienced assistants are kept busy in supplying the wants of the trade. The house is a popular purchasing depot in this connection for the high-class custom of the vicinity.

B. CLARKIN, Dealer in Newspapers, Magazines, Libraries, Blank Books, etc., No. 1387 Broadway.—For the past twenty-two years the name of Clarkin has been popularly identified with the city trade in newspapers, magazines, libraries, blank books, stationery, etc. Mr. B. Clarkin was born in Ireland, but came to this city, at an early age, in 1857. In 1865 he became a newsdealer, and from a small beginning soon built up a large and lucrative trade. His present store, at No. 1387 Broadway, is a spacious and conveniently-arranged apartment, fitted up in an attractive style and fully stocked in every department. Here will at all times be found the latest newspapers, magazines, and other periodicals, all the works of ancient and modern authors, blank books and forms, and a full line of commercial, legal, and other stationery. Mr. Clarkin also sells tickets on all the transatlantic steamship lines, and furnishes English and Irish drafts at the lowest rates, and in the transaction of the voluminous general business two experienced clerks are required. Mr. Clarkin's business success is a direct result of, and fully indicates, his upright and active efforts in its promotion.

HENRY MAYER, Jobber in all kinds of Segars, Tobacco, and Pipes, Nos. 191 and 259 West Street.—This gentleman is a wholesale-dealer and jobber in foreign and domestic cigars, smoking and chewing tobacco, pipes, etc., and has been established in the business here since 1868. He occupies a fine, large store, affording large storage area, and where is kept a large and select stock, being the sole agency and direct representative of several of the most celebrated factories in the United States. The stock is in every respect full and complete, embracing all the leading and most popular brands of imported and domestic segars, cigarettes, smoking and chewing tobacco, and meerschau and brier pipes of the latest style. The trade can always find here a comprehensive assortment of all goods comprehended under the head of cigars and tobaccos. The trade enjoyed is large, first-class, and permanent in this city and throughout the surrounding country, and is annually increasing. Mr. Mayer is a native of New York State, and sustains an enviable reputation both at home and abroad.

DR. JAMES H. ARNOLD, Manicure and Chiropodist, No. 864 Broadway.—The human foot is one of the most sensitive members of the body, and closely connected with the nervous system and the brain. Therefore the importance of patronizing only practitioners of known reputation for skill and experience in the treatment of the diseases of the feet; and of such in this city is Dr. James H. Arnold (late with Dr. Kenison) manicure and chiropodist, than whom none in this line in New York sustains a higher reputation, being one of the leading and most reliable members of the profession in the city. Dr. Arnold, who is a native of Quincy, Mass., and has resided in New York about fourteen years, is a practical and expert manicure and chiropodist himself, with several years' experience in the exercise of his art, and is thoroughly conversant with the same in all its branches, having been with Dr. Kenison from 1874 to 1883, when he began practice on his own account at the present commodious and well-equipped quarters, and from the inception of the venture he has received a large and flattering patronage. All diseases of the feet are treated in a scientific manner without pain, corns being extracted at 25 cents each; operations performed on nails at \$1, and manicuring at 75 cents. He is ably assisted by his brother, Dr. C. A. Arnold, and his sister, Miss A. J. Arnold, both experienced and competent as chiropodist and manicure, respectively. Several other capable and efficient assistants are in attendance likewise, and the parlors are open from 8 A.M. to 6 P.M., no pains being spared to render the utmost satisfaction in every instance. A complete assortment of manicure articles is constantly carried on hand, and altogether Dr. Arnold has a very extensive and flourishing city and suburban patronage, the names of many of the most eminent metropolitan physicians and surgeons appearing on his list of references.

GRISLER & FAUSEL, Carpenters and Builders, Nos. 632 to 640 East Seventeenth Street; Office, No. 632 East Seventeenth Street.—Prominent among the leading firms in the metropolis engaged as carpenters and builders is that of Messrs. Grissler & Fausel, whose office and workshops are centrally located at Nos. 632 to 640 East Seventeenth Street. This business was established in 1860 by Messrs. Grissler & Fausel. The premises occupied are spacious and comprise a superior four and five story brick building having a frontage of 125 feet by a depth of 100 feet. The workshops are equipped with all the latest improved wood-working machinery, tools, and appliances known to the trade, which are operated by a superior 125-horse-power steam engine. One hundred carpenters and operatives are employed in the workshops, and very often 250 outside. Mr. Grissler is widely known as a thoroughly practical carpenter and builder, with the advantage of ample experience and every facility for the prompt filling of the largest orders. He is prepared at all times to contract for the repair or alteration of old premises, and the erection and fitting up of new buildings. Orders are carefully and promptly filled at the lowest possible prices, and the trade of the house extends throughout all sections of New York and the neighboring States. Mr. Grissler fitted up the following in a very superior manner, viz., Puck Building, Navarro Flats, Berkshire Flats, Barnett House, etc., and many other extensive buildings in all sections of the city. He was born in Germany, but has resided in the United States for the last forty years. Mr. Grissler justly merits the signal success achieved by him in this important and valuable industry.

AUG. RINTELN & SON, Importers of Brandies, Gin, and Wines; also, Dealers in all Kinds of Domestic Liquors, etc., No. 88 Cortlandt Street.—The immense consumption of foreign and domestic liquors in the United States has made the trade in these commodities one of the greatest national importance as a source of revenue, and a prime factor in the general prosperity. Prominent among the substantial and representative houses engaged in the importation of liquors in New York is that of Messrs. Aug. Rinteln & Son which bears an excellent reputation for its goods as well as for the high and honorable character of its management. The business was inaugurated twenty-four years ago by Mr. Aug. Rinteln, and was conducted under his sole direction until 1887 when he admitted to partnership his son, Mr. A. J. Rinteln. The trade that has been built up extends to all sections of the United States, and is of the most desirable character. The premises occupied by the firm consist of a building having four floors, each 30x100 feet in dimensions, and fitted up throughout with every convenience for the

systematic conduct of affairs. In these spacious quarters the Messrs. Rinteln carry on an active trade as importers of brandies, gins, and wines and general dealers in all kinds of domestic liquors, making leading specialties of Golden Crest, Imperial Wedding Rye Whiskey, and also large holders of Finch's Golden, and sole agents for Orange Tree Holland gin. A very heavy stock is at all times carried, embracing the choicest wines and liquors of foreign and American manufacture, all of the purest quality, and unsurpassed for reliability and superior excellence. These are supplied at wholesale at the lowest possible prices consistent with fair and honorable dealing, and orders meet with prompt fulfillment. The Messrs. Rinteln are residents of Brooklyn, and are well known as men amply qualified to sustain their commercial standing.

A. METZ & CO., Printers, No. 60 John Street.—The rapid strides made during the past twenty years in the art of printing in this country is traced step by step in New York in the career of the well-known house of Albert Metz & Co., located at No. 60 John Street. The active member of the firm, Mr. Albert Metz, has been identified with every development made in both printing and lithographing since 1870, in which year the present house was established by Messrs. Monroe & Metz, the present firm succeeding to the control in 1881. The business premises comprise two floors, 25 by 80 feet each, which are splendidly equipped with every modern appliance tending to facilitate rapid and perfect fulfillment of orders, including in all thirteen presses of all sizes, and employment is furnished to from twenty-five to thirty-five skilled and expert hands. No house in this city is better prepared to minister successfully to the wants of the public as regards job and commercial printing, and fine lithographing. The work turned out in all departments of the establishment bears the unmistakable stamp of excellence in both design and execution, and the reputation and standing attained have been honestly won and are well deserved. The lowest prices consistent with first-class work invariably prevail, while the enterprising and liberal methods that characterize the management are such as to commend the house to the confidence and patronage of all. Mr. Metz is a native of New Jersey, thoroughly trained and experienced in the art of printing, and, withal, a gentleman of reliability and worth with whom it is always a pleasure to do business.

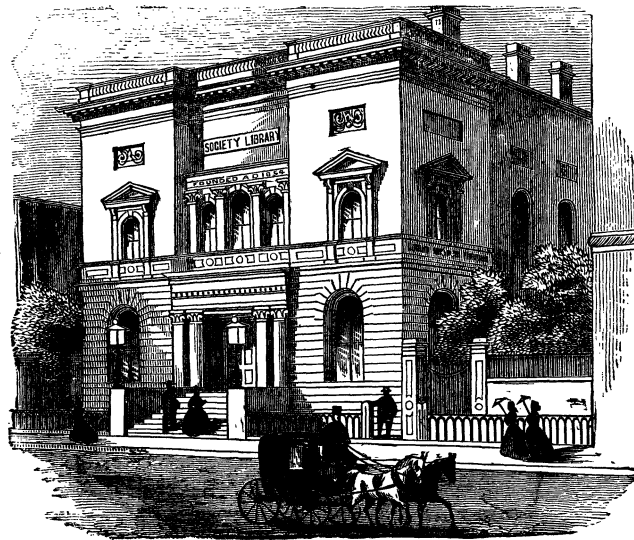
C. LUCIUS, Watches, Jewelry, and Silverware, French and American Clocks, No. 841 Sixth Avenue.—Among those engaged in business as jewelers who have done much to educate the public taste, there are none more prominent up-town than Mr. C. Lucius. In dimensions the premises occupied are 25x40 feet and the stock displayed is one of the largest and most complete to be found in that section of the city, and consists of American and European watches, in gold and silver cases, elegant gold, silver, and plated table-ware, French and American clocks, and all the new, beautiful, and unique designs in rich elegant jewelry of every description. Also spectacles, eye-glasses, and optical goods. Mr. Lucius is a practical watch-maker and jeweler, and makes a decided specialty of fine watch, clock, and jewelry repairing, to the entire satisfaction of the patrons, executing the work in the very best manner. Born in Germany, Mr. Lucius came to New York in 1869, and four years afterward established the business he is now so successfully conducting.

R. J. SCHOOLFIELD, Manufacturer of Stencils, Burning-brands, Steel, Rubber and Brass Stamps, etc., No. 280 Pearl Street.—The manufacture of stencil plates, badges, checks, brushes, inks, dies, seals, labels, burning-brands, steel, rubber, and brass stamps, etc., is carried on very extensively by Mr. R. J. Schoolfield, at No. 280 Pearl Street (old Hickcox Manufacturing Company). He is one of the most responsible and reliable men in this line of business in the metropolis, and has been for many years identified with this line of trade. Mr. Schoolfield is a native of Baltimore, and has had twenty-five years' experience in his trade. In 1869, he came to New York as a partner in the United States Manufacturing Company, and founded a branch establishment on the corner of Murray and Washington Street. He subsequently withdrew from the company, and ten years ago purchased the business the Hickcox Manufacturing Company, established in 1853. The establishment is equipped with the most modern and efficient mechanical appliances, and a number of skilled and experienced artisans are employed. A full line of stencil cutters' supplies is kept on hand, and an extensive and wide-spread trade is done.

CLARK JERVIS & CO., Commission Dealers in Veal, Poultry, Game, and Eggs, Calf Skins and Hides, Nos. 123 and 125 Fulton Market.—This reliable and popular concern was founded thirty-two years ago under its present title, and Messrs. Clark Jervis & Co. are among the oldest tenants of Fulton Market still doing business there. The firm are general commission-merchants in veal, poultry, game, eggs, calf-skins, and hides. Their stalls are very neatly fitted up and kept, and the arrangements are the best that can be devised for facilitating the transaction of business. Every provision has been made for the perfect preservation of perishable articles for an indefinite period, and a first-class, fresh stock of goods is always kept on hand. The management is in possession of the best possible facilities for procuring supplies from the most reputable sources, which enable it to offer the best of goods at prices which preclude successful competition. Consignments are received daily, and consignors can always find a ready sale for their products through the medium of this concern, and prompt and satisfactory settlements. The distributing trade of the firm is wholesale in its

plied with all requisite facilities for compounding the most difficult prescriptions and remedies; and the stock of drugs, medicines, toilet and fancy articles, etc., embraces everything pertaining to a first-class metropolitan pharmacy. The house is largely and liberally patronized by the surrounding residents, and the general business is of most prosperous aggregate. Mr. Haessig was born in Switzerland, came to this city in 1874, and is a practical and skilful druggist of many years' experience. By his well-directed and spirited management he has materially augmented the old-time prosperity of the business, and won the popularly bestowed distinction of a leading local exponent of his profession.

PETER TAG & SON, Ham, Shoulders, Bacon, Lard, Pork, Bolognas, etc., Nos. 107 and 115 Washington Market.—Messrs. Peter Tag & Son are large wholesale and retail dealers in hams, shoulders, bacon, lard, pork, and bolognas of all kinds, and they make a specialty of Vienna and Orange County sausages. The senior member of the firm was born in Germany and came to



1860—Society Library.

character, and goods are promptly delivered to patrons. Mr. Jervis is the sole proprietor, and is one of the best known and most popular in his line of trade. He is a native of Long Island.

M. LYONS & CO., Wholesale Dealers in Potatoes, Apples, Onions, and Country Produce, Pier 41, North River, Foot of Canal Street, and Nos. 444 and 446 Greenwich Street.—This firm was established in 1885, opening the commodious quarters on Greenwich Street in 1887, and from the inception of the business has proved a positive and permanent success. Heavy consignments are received and disposed of daily, and an extensive and first-class assortment of apples, potatoes, onions, and general country produce is carried constantly on hand, while three capable and efficient clerks and salesmen are regularly employed, and the trade of the concern, which is of a wholesale character exclusively, is exceedingly large and grows steadily apace. Mr. Michael Lyons, who is sole proprietor, is a comparatively young man and a native of Ireland, but has been in this country many years. He is a man of strict integrity as well as of foresight, push, and excellent business qualities, and enjoys an A1 reputation in commercial life.

FRANK A. HAESSIG, Pharmacist, No. 182 Canal Street.—This business was established as far back as 1860 by Mr. Gartz, who was succeeded by John Appleman, he by C. Worth, and in 1887 Mr. Haessig, who for some time previously had been a clerk in the establishment, became its proprietor. The store, 25x60 feet in size, embraces in its generally complete appointment all the modern adjuncts of elegance and convenience; the laboratory is sup-

this city in 1850. For two years he was an employee in this market, and in 1852 he founded the business of which he has been at the head for thirty-six years. His son, Mr. Robert Tag, who was born in this city and brought up in the business, was admitted into partnership four years ago. Their stalls are eligibly located and are noticeable for their neat and orderly appearance. The meats in stock are always fresh and sweet, and command the attention of all visitors to the market. The prices are always reasonable, and every effort is made to maintain the reputation of the goods handled. A large and growing trade is done.

HOEPFNER & CO., First-class Truck and Wagon Builders, No. 47 Bayard Street.—In the building of trucks and wagons Messrs. Hoepfner & Co. bear an enviable reputation in the trade for the superiority of all work turned out by them. The business was begun in 1873 by Mr. Geo. Hoepfner. In January, 1882, he admitted Mr. Henry Wuest to partnership, and under their combined management the enterprise has continued to prosper without interruption. The members of the firm have been engaged in their present line of trade since youth and are expert masters of its every detail. The premises occupied consists of a four-story building, 25x75 feet in dimensions, equipped throughout with the most approved mechanical appliances, and in each department of the business competent and reliable workmen are employed. First-class trucks and wagons of every description are produced here. Repairing, painting, trimming, etc., are also given careful attention, and all work is executed promptly and carefully, while the firm are always reasonable and just in their charges.

THOMAS A. O'KEEFE, Manufacturer of Printed Wrapping Paper, Manila and Toilet Papers, Pine-tar Medicated Toilet Paper, Nos. 48 and 50 Duane Street.—This gentleman is a general paper dealer, handling, both at wholesale and retail, printed wrapping paper, manila and toilet papers, pine-tar medicated toilet paper, paper bags, and twine. The business was established in 1861 by Mr. E. O'Keefe, who was succeeded by his son, the present proprietor, in 1880. The building occupied for the business contains five floors and a basement, 40 by 125 feet in dimensions, supplied with every convenience and facility for the rapid and economical handling of the extensive stock that is constantly carried. The stock is secured direct from manufacturers, and valuable advantages are enjoyed, enabling the proprietor to offer the best productions at the lowest prices. Mr. O'Keefe is also a book and job printer of large experience and high reputation, giving skilful and careful attention to general commercial work, and giving steady employment, in this important branch of his business, to fifty skilled hands, and enjoys a large and influential patronage throughout the city and vicinity. Orders by telephone or otherwise are promptly filled, and prices are placed at a fair and reasonable figure. Mr. O'Keefe is a native of this city, possessed of fine business qualifications and of excellent standing in the community. The pine-tar medicated toilet paper manufactured by this house is the only thoroughly medicated paper in the market, and is well worthy of a trial. For sale by dealers generally. The trade is supplied by C. N. Crittenton and wholesale trade.

JOSEPH RODGERS & SONS, Cutlery to Her Majesty, Sheffield, England; F. & W. Clatworthy, Sole Agents, No. 82 Chambers Street.—In the production of the finest grades of cutlery, British manufacturers have long held the leading position in all parts of the civilized world. The most prominent and reliable house engaged in this important and useful industry in Europe or America, is that of Joseph Rodgers & Sons, cutlery to Her Majesty, whose extensive and famous works are situated in Sheffield, England. The New York establishment, which is under the management of Messrs. F. & W. Clatworthy, is located at No. 82 Chambers Street. The English house was established 150 years ago, and the New York in the early part of the present century. The premises occupied in this city comprise two spacious lofts, each being 20x65 feet in dimensions. These are fully stocked with a splendid assortment of Joseph Rodgers & Sons' famous table and pocket cutlery, razors, etc. These goods are absolutely unequalled for quality, finish, durability, elegance and uniform excellence by those of any other house in the world, while the prices quoted, considering their superiority, are remarkably moderate. Messrs. F. & W. Clatworthy are the sole agents in the United States, and carry on an extensive business with the principal jobbers and retailers in all sections of the country.

SILAS STUART, Jewelry, etc., Importer of French Marble Clocks, Bronzes, and Fancy Goods, No. 2 Maiden Lane, near Broadway.—The business carried on by Mr. Silas Stuart is one of importance in the jewelry trade. The inception of this house dates back some fifteen years, being founded by Messrs. Stuart & Shepard, and was continued under their joint control until 1888, when Mr. Silas Stuart succeeded to the sole proprietorship. He occupies a commodious, handsomely-appointed store, attractive in its fittings and furnishings, and carries on a general line of business as special agent for the American Waltham Watch Company and as a dealer in diamonds, rich jewelry, sterling silverware, and importer of Royal Worcester and Doulton ware. The salesroom is filled with a complete stock of goods in the above named lines, the whole forming a most artistic display, the elegance of the merchandise and beauty of the designs being such as to challenge immediate attention. An active trade is supplied, the house commanding a patronage of the most desirable character, and it sustains a superior standing in commercial circles.

JOHAN McDERMOTT, Choice Meats, Poultry, Game, etc., Nos. 2, 3, and 4 Washington Market.—The name of McDermott has long been identified with the meat trade in Washington Market, and to-day there is no butcher better known or held in greater esteem than Mr. John McDermott. He has been connected with this market for the past forty years as employee and dealer, and for thirty years has been in business on his own account, during the whole of which time he has been accorded a liberal and substantial patronage. He is a gentleman of superior talents and business qualifications,

and his custom is of an influential and substantial character. Mr. McDermott occupies three stalls, Nos. 2, 3, and 4, and these are admirably arranged for the display of stock, and for facilitating the transaction of business. They are equipped with all the latest-improved appliances for the preservation of perishable articles, and as a result, the stock is always fresh and choice. In addition to handling beef, mutton, lamb, and veal, Mr. McDermott deals in poultry, game, etc., in season. Family orders are given immediate and satisfactory attention, and a specialty is made of supplies for ships, hotels, and restaurants. Courteous assistants are employed, and goods are delivered free in any part of the metropolis. In prices, Mr. McDermott is fair and equitable, and he offers inducements that cannot be excelled. His large trade has been won by correct and energetic business methods, and the future has further prosperity in store for him. Mr. McDermott is a native of Erin's Isle, and has been a resident in New York for the past forty-five years.

HENRY LAPP, Tin, Copper and Sheet-iron Worker, No. 8 Peck Slip.—A veteran and thriving concern, devoted to the production of tin, copper, and general sheet-iron work in this section of the metropolis, is that conducted by Henry Lapp, manufacturer of ranges, furnaces, cooking apparatus, and kindred articles of every description, which is one of the oldest establishments of the kind in the city. The business was started in this vicinity in 1861 by E. F. Lapp, who was succeeded about sixteen years ago by his son Henry, the present proprietor. The business was formerly located at the foot of Water Street, and was moved to the commodious quarters now occupied in 1874. The store is ample, and a large and first-class stock is constantly carried, comprising oyster ranges, broilers, confectioners' furnaces, cooking and heating appliances, coffee apparatus and urns, kitchen specialties and tin, sheet-iron and copperware of every description. Tin, copper, and sheet-iron work of all kinds is turned out to order likewise in the most prompt and excellent manner, some half-a-dozen expert workmen being employed, while ranges and furnaces are repaired and set in place and general jobbing reliably attended to. Mr. Lapp is a New Yorker by birth, but a resident of Brooklyn.

JACOB V. P. DECKER, Wholesale Dealer in and Planter of Oysters, Barge 23, foot of Charles Street, N. R.—Among the various representatives of the oyster interests of the metropolis there is none better known than Mr. Jacob V. P. Decker, who for more than half a century has been engaged in this line, and may be considered a pioneer in the industry. Forty years ago Mr. Decker, after ten years' previous experience, started in business as an oyster merchant, beginning on a small scale, but gradually increasing his facilities and resources as his trade grew to larger proportions. Eight years ago he purchased the business of A. & B. C. Bloodgood, which had been established in the fifties, and he now controls one of the largest lines of patronage of any dealer in the business, his trade extending to all parts of the United States, while he also exports considerable quantities to Canada and Europe. His headquarters are at Barge No. 23, foot of Charles Street, where he has every facility for the expeditious transaction of business. Mr. Decker is a general planter and wholesale dealer in the choicest brands of oysters, and his ample resources enable him to supply all wants at the lowest market prices. A native of Staten Island, Mr. Decker has long been prominently known. He is an active member of the wholesale oyster dealers' and planters' association.

C. R. NELSON, Manufacturer of Improved Window-bead Fasteners. Office, No. 108 Liberty Street.—One among the popular young men who are well known in business circles is Mr. C. R. Nelson, who is extensively engaged in the manufacture of improved window-bead fasteners for rendering window-stop beads adjustable, which have a wide reputation and are in use in all parts of the country, and are pronounced by those best capable of judging the best device yet devised for the purpose for which they are intended. He also manufactures a general line of small hardware and controls a large, substantial trade. Ample premises are occupied, which are well equipped with special machinery, driven by steam power, and a number of experienced workmen are employed. Mr. Nelson, was born and brought up possessing all those traits peculiar to the sturdy New Englander. He is active, industrious, straightforward, and reliable, and is held in high esteem by all who have dealings with him.

R EED, HALL & HEWLETT, Manufacturers and Shippers of Oils, Nos. 18 and 20 Platt Street.—A successful and representative firm, extensively engaged in the manufacture and shipment of oils of all kinds in the metropolis, is that of Messrs. Reed, Hall & Hewlett, whose office and salesrooms are situated at Nos. 18 and 20 Platt Street. This business was established in 1870 by



Fenton, Fales & Ketchum, who were succeeded by Ketchum & Reed and T. P. Reed. Eventually, in 1835, the present firm was organized, the copartners being Messrs. Fred'k P. Reed, Henry J. Hall, and Geo. B. Hewlett, all of whom have had great experience in the manufacture of oils, and possess an intimate knowledge of every detail and feature of this important and valuable industry and the requirements of all classes of patrons. The premises occupied comprise two superior four-story buildings fully supplied with every appliance and facility for the successful and systematic conduct of the business, such as steam tanks, kettles, etc., their storage-room being specially adapted to the business as they have deep cellars and vaults, the latter running beneath the side-walks. The firm manufacture largely signal, cylinder, and all classes of lubricating, roller, screw, cutting, and tempering oils. Especial care is taken regarding acid, alkali, or grit in their oils, so necessary when applied to machinery. The oils are lasting and cleanly, while they promote smooth running in the highest degree. Their dark lubricating oils are a much cheaper grade, but are found very effective for many purposes. They are large dealers in and receivers of lard, tallow, and neatsfoot oils. These oils are of the same grade of excellence in their class as the other goods and are in great demand both at home and abroad. In addition to their oil business they are largely interested at Paterson, N. J., in the manufacture of olive, palms, and other oil soaps for manufacturer's use. All orders are carefully and promptly filled at the lowest possible prices, and the trade of the house not only extends throughout all sections of the United States, but likewise to Canada, Mexico, the West Indies, South America, and Europe. Messrs. Reed, Hall & Hewlett are highly esteemed in mercantile circles for their enterprise and just methods, fully meriting the large measure of success achieved in this growing and useful industry.

J. BECK & SON, Manufacturers of Gold and Silver Chains, Chain Bracelets, and Fine Rings, No. 10 Liberty Place, near Maiden Lane.—Specialists in all kinds of business are those who achieve the highest success, because they concentrate all their powers and faculties in one particular channel, with no division of their forces. Among the examples that may be cited is the success won by Messrs. J. Beck & Son. These gentlemen are manufacturers of jewelry and make a specialty of gold and silver chains, chain bracelets, and fine rings. By confining themselves almost entirely to this branch of the art the firm have gained a leading position in the trade, and acquired a wide reputation in their business. The business and the firm were organized in 1863. The enterprise was started

in a small way and by degrees the firm increased their facilities and enlarged their commercial relations until they have gained their present high standing. The firm occupy the second and third floors of the building, No. 10 Liberty place, and this has an area of 25x100 feet. It is finely fitted up and admirably arranged for the business, and fully equipped with all the most modern and efficient machinery which is operated by steam power. A corps of experienced hands are employed and a high grade of goods is produced. These are unsurpassed in elegance and workmanship in this or any other country. The prices placed upon them are thoroughly just and equitable, and a large and assorted stock of solid and gold-plated jewelry is constantly carried. Mr. J. Beck was born in Germany, and his son, Julius, is a native of Vienna. Both have resided in this city for the past thirty-two years and are very popular in the trade.

R UD. C. HAHN, Importer of Precious Stones, No. 194 Broadway.—The study and substantial growth of material wealth in the United States during the past quarter of a century especially has, in the nature of things, developed a corresponding demand for rich and rare gems and the articles that beautify and adorn the person, as well as those that minister to the comforts and pleasures of mankind. The display made in a leading New York establishment devoted to the sale of precious stones to-day is truly magnificent. And in connection with these remarks attention is directed to the neatly appointed and well ordered office and salesroom of Rud. C. Hahn, the well-known and popular importer of gems, No. 194 Broadway (opposite Western Union Building), where may always be found a large and superb assortment of sapphires, pearls, cameos, intaglios, sardonyx, agates, crocidolite, rock crystal, amethyst, topaz, and elegant precious stones in great variety; also jewelry and stationery goods made from the above. Only reliable and A1 goods are handled in this establishment and purchasers can at all times rely upon getting a very superior article, prompt attention, and satisfactory treatment here, while the trade, which extends all over the country, is at once large, prosperous, and permanent. Mr. Hahn, the proprietor, was born in Germany, but has resided in this city many years, and is a man of experience and thoroughly reliable in his dealings as well as an expert in gems, with an excellent reputation in the trade. He established himself in business here in 1874, and from the first he has enjoyed an extensive patronage. Mr. Hahn also has a branch office at No. 135 Broad Street, Providence, R. I. which is under the efficient management of Williams & Co., agents.

J. S. HUTCHINSON, Produce Commission Merchant, No. 171 West Street.—One among the best-known produce commission-merchants along the North River front is Mr. J. S. Hutchinson, who was born and brought up at Riverhead, Long Island, has been engaged in business since 1836, and conducted a grocery and a store for the sale of general merchandise for many years. In 1869 he opened a grocery at Sixth Avenue and Fortieth Street, which he carried on for some time, and afterwards established the business which now engages his attention. The premises occupied have dimensions of 25x75 feet, and are admirably arranged for storage and business purposes. Mr. Hutchinson transacts a general commission business in prime dairy and creamery butter, cheese and eggs, and poultry, game, fruits, etc., and receives select consignments from different parts of the country and supplies a large city demand. He watches the market closely, and gives those who send him consignments the benefit of his knowledge and experience, and makes satisfactory, prompt, correct returns, and as an evidence of his standing in commercial circles refers to the Irving National Bank.

M. GOSS, Poultry, Game, etc., No. 251 Washington Market.—Mr. M. Moss, of stall No. 251 Washington Market, is one of the oldest and most popular business men in the market, and has always on hand a superior stock of poultry, game, etc. He controls an extensive wholesale and retail trade, and as his stock is being daily replenished by fresh supplies it is always choice and wholesome. In prices he does not permit any honest dealer to excel him, and in the filling of orders he is prompt and reliable. He is aided by competent and courteous assistants, and no pains are spared to afford the fullest satisfaction to his patrons. Mr. Goss was born in Ireland, and came to New York when a boy. He has been identified in various capacities with Washington Market since 1848, and since 1862 has been in business on his own account.

GLOBE MANUFACTURING COMPANY, Manufacturers of Job-Printing Presses and Paper-cutting Machinery; General Office, No. 44 Beekman Street.—It is absolutely certain that in no country in the civilized world have printing-presses and printers' specialties been brought to such a high state of perfection as in the United States. In this connection special reference is made in this review of the commerce and industries of New York to the representative and progressive Globe Manufacturing Company, whose specialties are job-printing presses and paper-cutting machinery. The company's works, which are among the best equipped in the United States, and furnish constant employment to 100 skilled mechanics, are in Palmyra, N. Y. This business was established as early as 1852, the Jones Manufacturing Company conducting it till 1872, when the present corporation succeeded to the management. The company manufacture the following job-printing presses and paper-cutting machines: "Peerless" job-presses, seven sizes; "Clipper" job presses, two sizes; "Jewel" job press, one size; "Peerless" end-lever cutters, three sizes; "Peerless" front-lever cutters, two sizes; "Peerless" side-lever cutters, two sizes; "Peerless" power cutters, two sizes; "Jewel" end-lever cutter, one size. These splendid machines have met with great favor from the trade, as being the best, strongest, most simple and easily operated specialties of the kind in the market, and have proved invaluable to printers all over the civilized world, while the prices quoted for them in all cases are extremely moderate. We would observe that the "Peerless" presses and cutters of the Globe Manufacturing Company will earn more money for the printer with less outlay than other similar machines in existence. The trade of the Globe Manufacturing Company now extends throughout all sections of the United States, while large numbers of their superior presses and cutters are exported to Canada, the West Indies, South America, Australia, and Mexico. The principal office of the sales department of the company is at No. 44 Beekman Street, and is in charge of and has been conducted by Mr. Henry Johnson, the vice-president of the corporation, for the past twenty years. He is the best known man in the job printing-press trade. The company has had for many years a branch house at No. 202 Clark Street, Chicago, doing a large business.

E. CORDERO & BRO., Manufacturers of Havana Cigars, No. 214 Pearl Street.—Although one of the younger concerns of the kind that have come into prominence in the metropolis the pushing and prosperous firm of E. Cordero & Bro., manufacturers of fine Havana cigars, has already attained an excellent reputation in the trade. Their productions, notably the well known and excellent brand "Mi Hogar," have secured an enduring hold on popular favor all over the United States, owing to the uniformly high standard of general excellence at which the same are maintained. Messrs. Cordero manufacture only the finest grades of pure, clear, hand-made Havana cigars, into which nothing enters but carefully assorted and choice stock, while the proprietors exercise close personal supervision over every detail and feature incidental to the preparation of the leaf and the filling, wrapping, and finishing of the goods. The firm occupy as factory 75x100 feet (fourth floor), and have at hand every convenience and facility necessary to the successful prosecution of the industry, while some thirty to forty expert cigar-makers, etc., are employed. A heavy and A1 stock is constantly carried on hand, and the business of the firm extends throughout the United States. Messrs. Cordero, who are natives of Cuba, have had many years' practical experience in the cigar-making line, and established themselves in business in this city about three years ago.

A. ALLING REEVES, Manufacturer of Fine Jewelry, No. 21 Maiden Lane.—Enterprising men are quick to observe and act upon the advantages possessed by a location as a point of production, and this massing of the forces of particular industries is a striking feature of the manufacturing operations of the United States. This is particularly true of the metropolis, where many of the leading industries are centred. One of these is the jewelry manufacturing trade, and a mint of wealth and a vast amount of capital are invested in this branch of enterprise. Among the most substantial of the progressive houses of the kind is that conducted by Mr. A. Alling Reeves at No. 21 Maiden Lane, and who is recognized among the leaders in the trade. The business of this concern was inaugurated in 1880 by Messrs. Isaac A. Alling & Co., the copartners being Isaac A. Alling, James S. Holmes, and A.

Alling Reeves, and it was continued by them until January, present year, when the firm was dissolved, and Mr. Reeves became the sole proprietor. The factory is located in Newark, N. J., and is completely equipped with all modern improved appliances and steam working machinery peculiar to the trade, and employment is furnished a large force of skilled operatives. Mr. Reeves manufactures bracelets, pins, ear-rings, sleeve-buttons, bonnet-pins, seals, and other jewelry, using only the choicest materials; and the goods turned out comprise a wide variety of novel and beautiful designs, whose elegance and fineness of finish never fail to excite instant admiration. At the salesroom in this city a heavy stock is carried to meet the requirements of the trade, and wholesale orders or orders for special goods, received from any part of the United States, are filled on the most advantageous terms. Mr. Reeves is a native of New Jersey, and is well known in business circles for his progressive policy and ability, and is entirely worthy of the confidence and prosperity he enjoys.

EVANS & GEDDES, Printers, Blank Book Manufacturers, and Paper Rulers, Nos. 51 and 53 Maiden Lane.—Among the representative houses of this kind in the metropolis is that of Messrs. Evans & Geddes, who established their enterprise sixteen years ago, and have developed a business connection of the most desirable and permanent character. The extensive premises occupied are fitted up and equipped in the most complete manner, with all necessary machinery operated by steam-power, and employment is afforded a force of thirty expert operatives. The range of operations embraces every description of printing, blank-book manufacturing and paper-ruling, the most approved methods being followed, and the productions of the house are noted for excellence and general superiority. Estimates are promptly furnished on application, prices being based at the lowest possible rates, and all work is executed in the most expeditious and satisfactory manner. The members of the firm, Mr. Richard Evans, a native of this city, and Mr. Aram Geddes, a native of Baltimore, Md., but for thirty years a resident of New York, are thoroughly expert in every branch of their vocation, and are recognized leaders in the trade. Mr. Evans is a member of the Mechanics and Tradesmen's Society; also trustee of the Exempt Firemen's Benevolent Fund. He has been connected with the masonic order for the past thirty years, and is the present Master of Pasttime Lodge No. 204.

CHARLES E. LIPPS, Safes of all kinds Repaired and Removed with Care. No. 74 Maiden Lane, and No. 5 Liberty Street.—For the past quarter of a century, Mr. Charles E. Lipps has been prominently engaged in the work of repairing and removing safes, in opening and putting new locks on, and supplying duplicate keys for safes, in manufacturing patent night latches and patent padlocks of all sizes, in executing all kinds of locksmithing and electrical work, and in making and fixing speaking-tubes. A quarter of a century ago he began business in premises opposite to those he now occupies, and in his line he is an acknowledged expert, having had a long experience in the manufacture of safes. For some years he was an expert for the extensive concern of Stearns & Marvin, safe manufacturers. He was also in the service of Terwilliger & Co. His facilities are such as to enable him at short notice to put inefficient safes in a thoroughly serviceable condition—indeed, to make them better than before—at a great saving to the owners. Mr. Lipps carries a very extensive stock, and his charges are at all times fair and equitable. He is a native of Newark, N. J., and resides at No. 9 Warwick Street in that city.

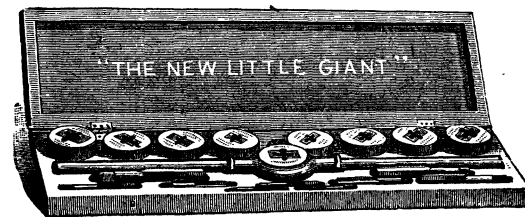
BUCHANAN BROS., Paper and Card Board, No. 23 Beekman Street.—One of the oldest among the important houses in the paper trade in this city is that now owned and conducted by Messrs. Buchanan Bros. It was established many years ago and came under the control of the present firm in 1884, and has always been an important factor in the business interests of the city. In size the premises are 25x100 feet, and are perfectly equipped and provided with special machinery operated by steam power. About thirty employees are engaged in the different departments and an extensive wholesale and retail business is carried on. A heavy stock of writing paper and card-board and cut cards in an endless variety and assortment is carried, and the firm is always prepared to fill orders and supply demands at satisfactory prices. Mr. M. T. and C. K. Buchanan, the copartners are both natives of this city and have been identified with the paper trade for many years.

COTTIER & CO., Upholsterers, Fine Cabinet Makers, Glass Stainers, etc. Art Rooms, No. 144 Fifth Avenue.—In this age of refinement, wealth, and enterprise, the demands of all classes are more exacting than ever before. This fact is self-evident in every branch of trade, but in none so much as in those devoted to fine cabinet work, upholstery, glass staining, etc. A representative and valuable house in the metropolis, actively engaged in every utilitarian branch of artistic work, is that of Messrs. Cottier & Co., whose extensive and elegant art-rooms are centrally located at No. 144 Fifth Avenue. The factory and workshops of the firm, which furnish constant employment to 110 skilled hands and talented workmen, are at No. 223 West Twenty-eighth Street. This business, which was originally established in London, was removed to New York in 1871. The partners, Messrs. Daniel Cottier and Jas. S. Ingles, have had great experience in all descriptions of art work, and are fully conversant with every detail and feature of the business and the requirements of customers in all sections of the country. They keep constantly on hand in their extensive art-rooms all the latest novelties in the departments of artistic upholsterings, cabinet furniture, bronzes, decorative articles, etc., and a splendid selection of rare imported paintings by the most eminent masters. They have carefully executed many important commissions for the supply of originally-designed art furniture and rich upholstered goods for many of our wealthy and prominent citizens. Their fine cabinet specialties are the work of the most skillful and able experts, eliciting the admiration of all who see them. So likewise are their patterns in stained glass, which are charming and effective in the way of decoration. At the French International Exposition in 1867 Messrs. Cottier & Co. were awarded several first class premiums, medals, etc., for the beauty, quality, and finish, of their art work. The firm have influential connections in Paris, London, Vienna, Berlin, etc., as regards the importation of select and rare paintings and *objets d'art*, and collectors and others who appreciate the masterpieces of the age should not fail to give this noted New York establishment an early visit, where they will obtain advantages in prices very difficult to be duplicated elsewhere, either in this country or Europe. Both Messrs. Cottier and Ingles were born in England. They are highly esteemed in commercial circles as liberal, honorable, and enterprising business men, and justly merit the signal success achieved by them in this unique and artistic industry.

THE E. HOWARD WATCH AND CLOCK COMPANY: Samuel Little, President; Chas. J. Hayden, Treasurer; Albert Howard, General Manager; Manufacturers of Fine Watches and Clocks. New York Office, Nos. 41 and 43 Maiden Lane; E. V. Clergue, Agent.—The E. Howard Watch and Clock Company, established in Boston forty years ago, is the leading American representative of the highest grade of clocks and watches, and those specially designed to secure the absolute accuracy of movements and durability of mechanism. In clocks also it is equally famous. The result is that to-day the Howard watch is preferred by all railroad men, merchants, manufacturers, etc., and the company's trade has developed to proportions of great magnitude. This may readily be realized when we state that in its two factories from seven to eight hundred men find steady employment, thus rendering it not only one of the oldest but the largest concern of the kind in America. Throughout the entire period of its existence the company has been represented in New York, and for the last two years its agent here has been Mr. E. V. Clergue. In their most centrally located salesrooms, Nos. 41 and 43 Maiden Lane, they carry a large and complete stock of their product, including many of the most ornate and beautiful styles of hall and office clocks, quoted at prices which cannot be duplicated elsewhere. The display of watches here is unrivalled in the Lane, and includes the finest movements in eighteen and fourteen karat cases of the most elaborate workmanship. Jewellers and watchmakers can here make selections that will sell readily and give the most perfect satisfaction. The E. Howard Watch and Clock Company have supplied the great tower clocks found in the following prominent structures, the New York *Tribune* building and the Produce Exchange building; also in the Cotton Exchange building, and which are "standard time" to tens of thousands of our population. The company also contracts for the supply of clocks of established accuracy for the stations of the New York, Lake Erie & Western Railroad, the Pennsylvania Railroad, and many others too numerous to mention, and in conclusion we would add that any of our readers contemplating the purchase of a good watch

or clock will consult their best interests and save money by buying a Howard, the standard of utmost mechanical and scientific proficiency and skill.

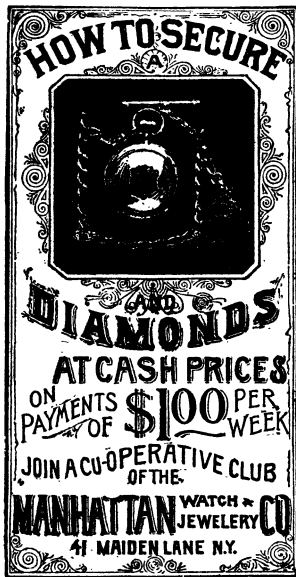
THE NEW YORK SUPPLY COMPANY (Limited), Railway and Machinists' Supplies, etc., Nos. 50 and 52 John Street. Robert G. Weeks, Treasurer and General Manager.—One of the oldest-established houses in the metropolis in the fundamental line of railroad and machinists' supplies, etc., is that of the reliable New York Supply Company, whose office and store are located at Nos. 50 and 52 John Street. This business was established thirty years ago by W. C. Duyckinck, who conducted it till 1885, when it was duly incorporated under the laws of New York, with ample capital, and since its organization has built up a liberal and permanent patronage, owing to the superiority and reliability of its supplies and materials. The following gentlemen, who are widely and favorably known in mercantile life for their business capacity and just methods, are the



officers, viz.: M. H. Daniels, President; J. H. Forey, Vice-President; Robert G. Weeks, Treasurer and General Manager. The New York Supply Company possesses superior connections and facilities, and deals extensively in railway, machinists', engineers', mill, and miners' supplies, also in emery and corundum wheels and machines, and plumbers', gas, and steam fitters' materials. Only the very best supplies and materials are handled, and the prices quoted in all cases are as low as those of other first-class houses. The trade of the company extends not only throughout all sections of the United States, but large quantities of goods are exported to Canada, Mexico, the West Indies, Central and South America. The affairs of this responsible and progressive company are placed in able and careful hands, and it worthily maintains a leading position in this useful and important business, reflecting the greatest credit on all concerned.

GORDON PRESS WORKS, Manufacturers of Gordon's Franklin Printing Press, etc., No. 99 Nassau Street. Mr. A. Doane, Manager.—In no branch of mechanical industry have greater improvements or inventions been made than in the manufacture of printing-presses. An old-established and representative house in New York, actively engaged in the sale and production of printing, cutting, and creasing presses, is that of the Gordon Press Works, whose office and salesrooms are located at No. 99 Nassau Street. This business was established in 1851 by Mr. Geo. P. Gordon, who conducted it till 1878, when he died after a successful and honorable career. The business then became the property of Miss Mary A. Gordon, his daughter, who has entrusted the management to Mr. A. S. Doane, who has been engaged with the house since 1860. The factory, which is admirably equipped with all modern appliances, tools, and machinery, and furnishes constant employment to thirty skilled workmen, is in Rahway, N. J. The Gordon job and card printing presses are unrivalled for efficiency and reliability. They are constructed of the best materials, and as far as possible all parts are made interchangeable, and the improvements now embodied in these splendid presses warrant us in recommending them to all in need of a reliable, simple, and durable machine, while the prices quoted for them are extremely moderate. The Gordon cutting and creasing presses of this popular house are equally efficient, and are general favorites with the trade wherever introduced. Mr. Doane, the manager, has had great experience and is highly esteemed in trade circles for his business capacity, skill, and integrity. The trade of the Gordon Press Works extends throughout all sections of the United States, while large numbers of their superior printing presses are exported to the West Indies, Central and South America, and Australia. The house carries all sizes of machines in stock, so that orders received can be filled at short notice, except where special changes in the machines are called for by patrons.

THE MANHATTAN WATCH AND JEWELRY COMPANY, Ludwig Hess, Manager; American Watches, Diamonds, and Jewelry, No. 64 John Street, corner William.—The jewelry interests of the metropolis have attained proportions of the greatest magnitude, and among the best known and most popular concerns in the trade is that of the Manhattan Watch and Jewelry Company, No. 64 John Street, corner William. This concern was organized three years ago, and the business has since been conducted at Nos. 41 and 43 Maiden Lane, from where they have just moved to the present location. The salesroom is handsomely fitted up and finely appointed, and the stock, which is a very extensive and valuable one, embraces gold and diamond jewelry, representing all the latest and most popular novelties, and gold and silver American watches. The business is under the management of Mr. Ludwig Hess, a young, enterprising business man, who is aided by five assistants. The company are the originators of the watch-club system, an easy way to secure a first-class watch, diamonds, or jewelry at cash prices. This is no lottery or humbug as each member is obliged to pay for his watch, but the advantages of this system



are threefold: First, the payments are so easy as scarcely to be felt by any one; secondly, it being based on cash principles you are not charged installment prices. The watches are all warranted solid gold or silver cases, with American stem-winding movements, Elgin or Waltham make. As soon as a club has been formed, each member will be notified; then it will be decided by numbers who shall receive the first watch. Thus the distributions will take place weekly, until every member shall be in possession of his watch. After a member has received his watch he must continue to pay one dollar per week, the same as the other members, until the watch is paid for, and on receiving his watch security for the future regular payments must be given. In case a member should wish to withdraw, for reason of some unforeseen occurrence preventing him from paying further, he may have some one else substituted in his place, and thereby avoid any loss of money he may have paid into the club; third, you will then have the privilege of enjoying the use of your watch while paying for it. Clubs are being formed daily in all parts of the country, and the fullest information concerning them can be procured on application to the manager, who is a gentleman of high repute in the trade and thoroughly reliable in all his dealings.

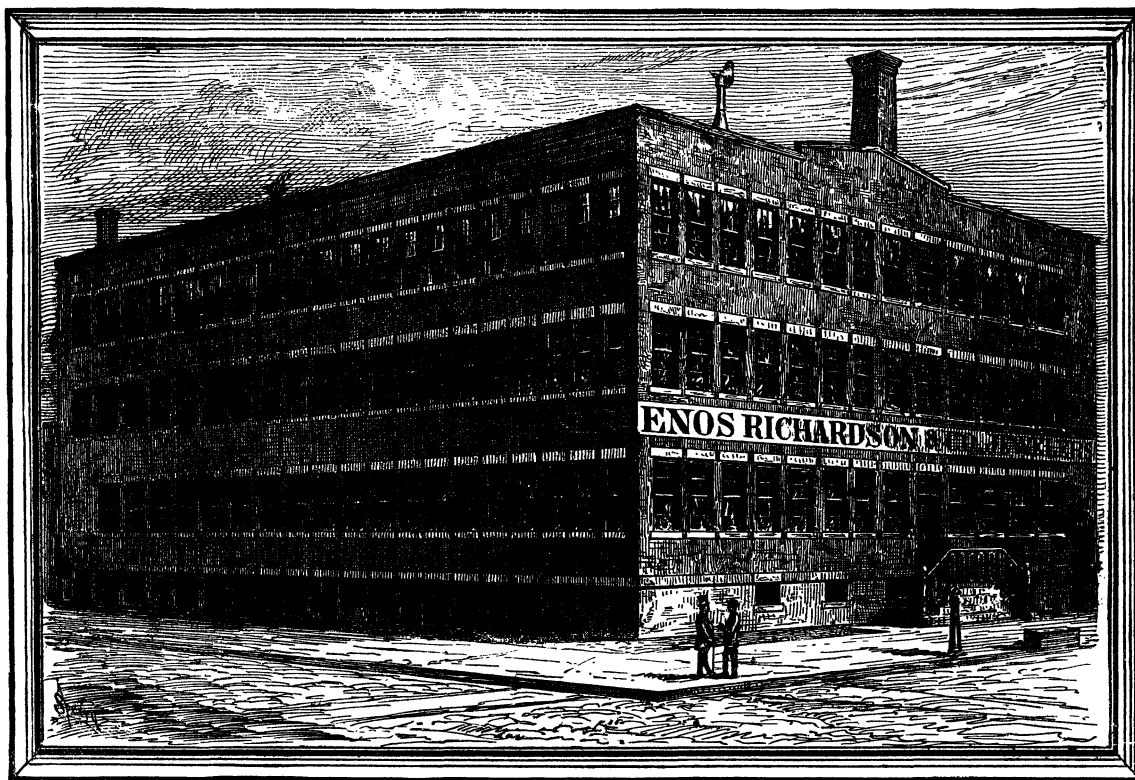
GILBERT OAKLEY'S SONS, Flour, Nos. 184 and 186 Duane Street.—This business was established as far back as 1844 by Mr. Gilbert Oakley, under whose able and spirited management it developed into the proportions of an extensive and prosperous enterprise. The present firm, composed of Messrs. Thomas C. and Gilbert Oakley, Jr., was formed in 1886, and by active and well-directed efforts has fully maintained the old-time eminence

and popularity of the house. The present premises consisting of a four-storied and basement building, 48x90 feet in ground area, are equipped with all modern conveniences and facilities, and the stock carried embraces all the finest brands of flour in sufficient variety to meet all the requirements of the trade. The house does a heavy jobbing trade in this great commercial staple, and the voluminous business reaches over a wide territory. The Messrs. Oakley are gentlemen thoroughly conversant with the trade in which they have literally grown up from boyhood.

CHARLES EBEL, Practical Millwright and Machinist, and Manufacturer of all Kinds of Flour, Feed, Plaster, Spice, Coffee, Sugar, Chocolate, Malt, Mustard and Ink Mills, all Kinds of Machinery, etc., No. 90 Crosby Street.—This gentleman is a practical millwright and machinist of large experience and established reputation, and also a manufacturer of all kinds of flour, feed, plaster, spice, coffee, sugar, chocolate, malt, mustard and ink mills, and patent paint and color mills and paint mixers; also, a builder of elevators, conveyors, bolting reels, coffee roasters, and all kinds of machinery, and gives prompt attention to all kinds of repairing. He has been established in the business for some twenty-five years, and has achieved a reputation and a trade that is not only co-extensive with this country, but also enjoys influential connections and a fine export business with Europe, Mexico, South America, and the Canadas. His workshop is equipped with a complete outfit of the latest and best machinery that can be advantageously used, and a large force of skilled workmen contribute to the successful conduct of affairs. The mills and machinery produced by Mr. Ebel are recognized everywhere as unsurpassed for proportion, adjustment of parts, strength, solidity, and durability, and are thoroughly first-class in workmanship, of superior finish, and constructed with a view to practical utility and durable service at minimum cost for repairs. A heavy stock is kept constantly on hand, and orders and commissions are fulfilled with promptitude. Mr. Ebel is a native of Germany and an accomplished master of his trade.

R. J. SPITZ, Manufacturer of Piano-forte Hammers, No. 309 East Twenty-second Street.—This gentleman is an extensive manufacturer of piano-forte hammers, in which industry he has won a high reputation and a widely-extended trade. The business was originally established in 1875 by Messrs. Seabury & Spitz, the present proprietor succeeding to the sole control in 1884. The premises occupied for manufacturing and trade purposes are spacious in size, and equipped with every modern convenience and facility for rapid, systematic and perfect production, and for conducting the business in a successful manner in all its departments. From twelve to twenty skilled and expert hands are employed in the business, only the best materials are utilized and the most improved methods of manufacture are in use, resulting in a product that is unsurpassed for durability, utility, and reliability either in this country or in Europe. The proprietor relies entirely upon the standard quality and excellence of his output for success in his field of labor, and his large and steadily-increasing patronage throughout all parts of the United States and Canada proves conclusively his skill and ability as a manufacturer. He is eminently fair and conscientious in all his dealings, prompt in filling orders, reliable in meeting all engagements and very reasonable in his terms and prices. Business relations entered into with him are sure to prove pleasant and profitable to all parties. Mr. Spitz is a native of Switzerland, and a young man of business experience, ability, and integrity.

ROTHE & LIPS, Importers and Exporters of Calf Skins and Moroccos, No. 176 William Street.—This widely-known firm has been established since 1874, and during the period which has since intervened a large and influential patronage has been developed. The members of the firm, Messrs. Herman N. Rothe and Herman Lips, are natives of Germany. The latter has charge of the establishment in this city, while Mr. Rothe looks after the interests of the house in Europe. The firm are United States representatives for Mayer, Michel & Deninger, of Mainz, and Chas. Simon Sons, of Kirm. The commodious office and salesroom occupied are conveniently arranged for the transaction of business, and a large stock is carried to meet all the demands of the trade, Messrs. Rothe & Lips carry on a general wholesale business as importers and exporters of calf skins, moroccos, and other leathers, and are amply prepared to supply the trade on the most advantageous terms.



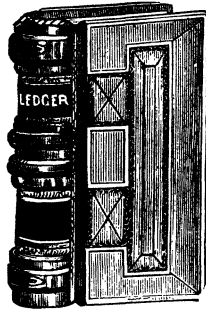
E NOS RICHARDSON & CO., Manufacturers of Fine Jewelry and Chains, No. 23 Maiden Lane.—The city of New York is the recognized centre for the wholesale jewelry trade of this country, and it is here that the public generally find everything in the line of jewelry in the newest of styles, of the most reliable quality, and at prices that defy competition. One of the principal houses actively engaged in manufacturing solid gold and sterling silver jewelry, is that of Messrs. Enos Richardson & Co., whose headquarters are at No. 23 Maiden Lane. This enterprise was founded in 1841, and since its inception the firm have always enjoyed a liberal and influential patronage. The firm's factory, built by them in 1848, is located at Newark, N. J., and comprises a three-story building, 75x100 feet in dimensions, admirably arranged and equipped with every appliance and all the latest improved machinery for the production of a full line of jewelry of all kinds. In busy times from 200 to 250 skilled artisans are employed, and the products of the factory are shipped to dealers in all parts of the United States. The aim of the firm from the commencement has been not only to gain custom, but to retain it, and that this object has been successfully accomplished is evident in the annual increase of the business. The firm's salesroom at No. 23 Maiden Lane, into which they moved soon after the building was finished in 1849 and which they still occupy, is 25x75 feet in dimensions, and is attractive in its fittings and appointments, and replete with a large and valuable stock.

G EORGE B. PATTERSON, Real Estate and Insurance, No. 174 Canal Street.—The real-estate interests of the metropolis are possessed of such enormous value as to overshadow all other branches of business value or revenue, while for the employment of capital no better or more secure form of investment can be named. Among the representative real-estate and insurance brokers of the city we find Mr. George B. Patterson, of No. 174 Canal Street, who is one of the oldest agents in this section of the city, having been established here for the past twenty years. As an active broker he has long been well known in leading circles, and has established connections of an unsurpassed character, while he has carried through in an efficient manner many important transactions. Mr.

Patterson, who is a native of New York, possesses a thorough knowledge of the values of city property, improved and unimproved, and his judgment has led to many happy investments being made by those who have sought his advice. He actively conducts a general real-estate business, buying, selling, exchanging, leasing, renting and letting property of all kinds, negotiating loans on bond and mortgage at favorable rates, securing tenants, collecting, effecting insurance in responsible companies, and taking entire charge of estates, managing them with consummate ability, and realizing the greatest possible amount of income therefrom. Zealous in advancing and protecting the interests of his patrons, reliable in all his transactions, Mr. Patterson's integrity and abilities are generally recognized, and he is highly regarded throughout the community.

N. H. SNYDER & BRO., General Provision Dealers, Nos. 93 to 96 Washington Market.—The establishment of Messrs. N. H. Snyder & Brother, Nos. 93, 94, 95, and 96 Washington Market, is prominent among those which are noted for keeping in stock meats of the finest quality at fair and reasonable prices. Both members of the firm have had twenty-four years' experience in the market, and have been in partnership for the past twelve years, and have built up a trade of large proportions. They occupy four finely appointed stalls, and they keep constantly on hand large and choice supplies of hams, tongues, lard, country sausages, English breakfast bacon, young Jersey pork, meat delicacies of all kinds, etc., making a specialty of choice veal and sweetbreads. These goods are selected with care and excellent judgment, and can always be relied upon as being of the first quality. In the matter of prices, those of Messrs. N. H. Snyder & Brothers will compare favorably with those of any competitor in the trade. The business of the firm is both wholesale and retail in its character, and a substantial trade is done throughout the city and its vicinity. Family orders are given prompt attention, and a specialty is made of supplies to hotels, restaurants, ships, and grocers. Goods are delivered in any part of the city free. Mr. N. H. Snyder is a native of New Orleans, and has been located in New York since 1864. His brother and partner, Mr. Jacob Snyder, has resided here since 1863, and was born in St. Louis.

PETER QUINN, First-class Blank-book Manufacturing, Steam Paper-ruling, No. 196 Fulton Street.—Among the representative first-class blank-book manufacturers in the metropolis is Mr. Peter Quinn, of No. 196 Fulton Street. This gentleman has had a practical experience of twenty-two years in the business, and established himself here in 1884. He occupies large and commodious quarters, completely equipped for rapid and perfect production, operated by steam-power, and steady employment is given to some ten or twelve skilled and expert hands. Mr. Quinn devotes his close personal attention to every detail of his business, and is fully conversant with the wants of his numerous patrons and the re-



quirements of the trade. Blank-books of every description are manufactured in the highest style of the art, and in all cases the very best stock and most artistic workmanship, with strength and beauty combined, can be relied upon. The skill displayed by Mr. Quinn in the production of blank-books and paper-ruling is unsurpassed, either in this city or elsewhere, and by devoting himself steadily to the business he has gained an enviable reputation for the artistic merits of his work. His patronage is large and active throughout the city. His prices are invariably fair and reasonable, while his enterprising and progressive business methods and promptness in the fulfilment of all orders combine to commend him unreservedly to the confidence and patronage of the public. Mr. Quinn is a native of New York, and is held in the highest estimation by the community for his business capacity and sterling integrity.

J. HYMAN & SON, Importers and Dealers in Pictures, Paper, and Cards of every description, No. 25 Beekman Street.—Among the leading representative business houses on Beekman Street may appropriately be mentioned that of Messrs. J. Hyman & Son, importers and dealers in pictures, cards, paper, etc. Mr. Hyman, the head of the house, established it about twenty years ago, and in 1882 associated with him his son, Mr. Max Hyman, a young man of enterprise and business ability. The premises occupied are very commodious, and have an area of 25x80 feet, and contain a large and varied assortment of goods, embracing pictures, paper, and cards of every description; also borders and other ornaments for paper boxes, confectioners, and trunk manufacturers, together with paper laces and embossed papers, and an almost endless variety of satin programmes and German favors. Messrs. J. Hyman & Son as importers and dealers in this special line of goods are well known, and their house is recognized as one of the largest and most important in the business in the city. A widespread wholesale and retail trade is carried on, and a large business is derived from all the adjacent sections. Mr. J. Hyman, who was born in Germany, has lived in New York thirty-five years, and is very popular in business circles. His son and copartner, Mr. Max Hyman, is a native of this city, and visits Europe each year to buy goods.

MARX & WEIS, Manufacturers of Gold Cases and Jobbers of American Watches, No. 180 Broadway.—Prominent among the leading manufacturers of the finest grades of gold-watch cases and jobbers in all the popular makes of American watches, are Messrs. Marx & Weis. The copartners are both possessed of vast practical experience. Mr. Marx has been a resident of this city since 1871, and Mr. Weis since 1870. They started in business together in 1876 and have developed a trade of great magnitude, with twenty-two years' experience at command, as dealers in and manufacturers of gold-watch cases. They know exactly what the fine trade wants, and meet the demand the best of any firm in New York. Their factory is situated at Newark, New Jersey, and is fully

fitted up with the latest-improved machinery and appliances, affording employment to upward of twenty-five to thirty hands. The firm are the most skilful designers in town, and their new styles of watch cases are the most popular and salable in the market, and they are specially recommended to the trade. Both as to price and quality they cannot be surpassed. The firm are also leading jobbers of American watches, handling all movements of the Waltham, Elgin, American, and other brands.

C. D. BERTINE & CO., Designers and Makers of Fine Furniture and Interior Woodwork, Decorators and Upholsterers, No. 9 East Nineteenth Street.—Messrs. C. D. Bertine & Co., of No. 9 East Nineteenth Street, where they are carrying on general operations as designers and makers of fine furniture, interior woodwork decorators, and upholsterers. This firm inaugurated their business in May, 1887, at the above address, and have already acquired a large, influential, and rapidly increasing patronage, owing to the superiority of their products, and their experience. Their trade is quickly reaching out to all sections of the United States, and is particularly heavy in New York and its vicinity. The spacious factory and salesrooms occupied are comprised in a building having five floors and a basement, the dimensions being 25x100 feet, the place being equipped throughout in the most complete manner. The affairs of the house are excellently engineered. Of the members of the firm, Mr. C. D. Bertine has charge of the financial department and salesrooms, Mr. C. Sotscheck superintends the upholstering and decorative department, while Mr. L. Welker attends to artistic designing and fine decorative woodwork. All three gentlemen were for years engaged in the establishment of B. L. Solomon's Sons, and are expert masters of their respective departments. The salesrooms, which are elegantly appointed, contain a very extensive assortment of the productions of the house, which are well worthy examination, and are representative as being the finest achievements possible in this line of manufacture.

MARTIN H. BERRY, Carpenter and Builder, No. 60 Cliff Street.—Among the oldest houses of the kind in the metropolis we find a worthy position occupied by that of Mr. Martin H. Berry. This establishment dates its foundation back to 1806 being started by Mr. John Halstead, who retired in 1880, when he was succeeded by David Board, who carried on the business until 1850, when Messrs. Bond & Berry became the proprietors, and continued in copartnership until 1867, when Mr. J. H. M. Berry & Bro. came into the control, the business eventually passing into the hands of Mr. M. H. Berry in 1880. Mr. Berry is a native of New Jersey, and resides in Brooklyn. He is a thoroughly practical workman, skilled in all the branches of the carpentering and building trade. The premises occupied cover an area of 20x100 feet, and contain a heavy stock of building materials, all of the best description. Employing a force of skilled workmen, and having the most ample resources at his command, Mr. Berry is well prepared to execute all work that may be given him to do in the most satisfactory manner. Estimates are furnished on application, and all contracts entered into are performed in the shortest possible time.

WM. A. PFINGSTHORN, Hardware and Cutlery, Saddlery Hardware, and Carriage Lamps, No. 16 Warren Street.—The enterprise of Mr. William A. Pfingsthorn was founded January 1, 1887, and it has since been conducted with the most marked success. The business occupies a finely fitted-up floor in No. 16 Warren Street, near Broadway, which is admirably suited to display the large lines of samples of goods which he carries. The line of trade embraces imported and domestic cutlery, saddlery hardware, carriage lamps, etc.; and Mr. Pfingsthorn is the sole agent in the United States and Canada for the manufactures of F. C. Schimmelbusch, Solingen, and H. A. Koehler's Soehne, Altenburg. In magnitude and amount of business and extent of trade the house has no superior in the same line in the city. The trade of the house is wholesale only in its character, and it extends to all parts of the country. Mr. Pfingsthorn has twenty years' experience in his branch of enterprise, and is thoroughly familiar with the want of the trade and the public. Born in Germany, he came to this country twenty years ago, and had a thorough training in his business. During the time he has been in business his efforts have been crowned with the most gratifying success, and he has won favor and patronage from the trade.

E. P. LOOMIS & CO., Commission Merchants and Wholesale Dealers in Apples, Onions, Potatoes, Importers of Bermuda Produce, etc., No. 95 Barclay Street.—In presenting a reliable reflex of the representative business houses of the metropolis, houses such as this whose title forms the caption of this article are eminently deserving of consideration. The business of the concern was founded in 1867, by Messrs. E. P. and N. H. Loomis and was continued by them until 1877, when the latter's death occurred. Two years later Mr. T. A. Watson was admitted to partnership, and the present firm name was adopted. Since its inception this house has been a prominent factor in its special line, and has developed a large and influential trade. Messrs. Loomis & Co. carry on heavy transactions as commission merchants and wholesale dealers in apples, onions, and potatoes, and as importers of Bermuda produce, and their connections with all their consignors are of such a nature as to enable them to afford the trade the greatest inducements, which fact is duly appreciated. The extensive premises occupied, which comprise four floors and a basement, 25x100 feet in dimensions, are admirably appointed throughout, and afford the most ample accommodation for the immense stock always carried. The firm have a large store-house in Spencerport, Munroe Co., N. Y. 100x50 feet in size, and two stories in height, with a capacity of storing fifteen thousand barrels. The building is made of dressed stone with compartments fitted up with ice bunks holding fifty tons at one filling for cold storage. They also have another building built of wood, 120x40 feet in size and two stories in height, having a capacity for eleven thousand, and similar buildings in several other counties from which they draw supplies daily, so that nearly all the goods are sold upon their arrival in New York upon the dock. Most of the foreign business done by the house, which is very large, is sold from the steamers on the dock, and does not come into the store. Fresh consignments are received daily, prompt acknowledgements are made in all cases, and returns made without delay. As to their standing, the firm can refer to all the leading banks in the country, their name being a synonym for commercial strength and financial security. Messrs. Loomis and Watson are gentlemen noted for their business integrity, are justly ranked among the most enterprising of New York's merchants, and may always be found foremost in aiding undertakings calculated to advance her commercial prosperity.

F. & S. E. GOODWIN, House Movers, Office and Yard, Nos. 515-521 East Seventeenth Street, between Avenues A and B.—The pioneer and leader in its important line of business in the metropolis is the house of Messrs. F. & S. E. Goodwin, the well-known house movers, at Nos. 515-521 East Seventeenth Street. This enterprise was inaugurated in 1844, and has been an active factor in the growth and upbuilding of the city throughout all these years. Mr. F. Goodwin died in 1883, and the business has since been continued by Mr. S. E. Goodwin under the original firm name. His office and yard, at the numbers above indicated, cover an area 100 feet square, and unequalled facilities are at hand for the prompt, systematic and successful fulfillment of all orders and commissions. From thirty to fifty skilled and experienced hands are constantly employed, and the services of the house are in steady demand in this city and throughout New York and adjoining States. Buildings of all descriptions are raised, lowered, moved, and shored up; all bad foundations and weak buildings are properly secured; iron girders and columns are furnished and set; also, wood and iron wedges are kept for sale, and screws and derricks to let. This house has executed important work on The Drexel-Morgan Building, The Mills Building, The Equitable Building, Cooper Institute, and others in this city, which serve to show the skill and ability brought to bear upon all contracts entered into by this firm. Mr. Goodwin was born in Barnstead, N. H., in 1819, and came to this city in 1840. He is honorable, straightforward, and trustworthy in all his business methods, and deserves, as he receives, the implicit confidence of his patrons.

S. RAYNOR & CO., Envelope Manufacturers, Nos. 115 and 117 William Street and No. 59 John Street.—Prominent among the representative and old-established houses in the United States actively engaged in the manufacture of envelopes, etc., is that of Messrs. Samuel Raynor & Co. This business was established thirty-two years ago by Mr. Samuel Raynor, who conducted it till 1863, when he admitted Mr. Wm. I. Martin into partnership, the firm being known by the style and title of "Samuel Raynor & Co."

The factory is a spacious six-story building, fully supplied with the latest-improved machinery and appliances known to the trade. Two hundred operators are employed in the various departments, and the machinery is driven by steam power. In addition to the production of all kinds of envelopes, Messrs. Samuel Raynor & Co., are sole manufacturers of pure Irish and imperial Irish linen papers. They are likewise wholesale paper dealers, and handle the famous writing papers of the Irving and Harrison Mills. The trade of the house is strictly wholesale, and extends throughout all sections of the United States. They likewise export largely to Canada, the West Indies, Mexico, and South America. Both Messrs. Raynor and Martin are natives of New York.

W. M. H. WILSON, Trunks, Bags, Pocket-books, Whip and Fire-cap Maker, No. 125 Bowery.—The representative establishment of Mr. Wm. H. Wilson has, for about two-thirds of a century been a potent aid in developing the business growth of the metropolis. The enterprise was originally founded in 1823, on Broadway, by Mr. John Wilson, and was continued with eminent success by him until 1860, when his son, Mr. Wm. H. Wilson, succeeded to the control, and has since remained at the head of affairs. The establishment is one of the finest business places to be found on this great thoroughfare. The store has a frontage of 25 feet and a depth of 100 feet, is admirably fitted up, being tasteful in all its appointments, and is filled with a large, valuable assortment of merchandise. Mr. Wilson is a general dealer in every description of trunks, bags, pocket-books, etc., and makes a leading specialty of manufacturing and handling whips, fire-caps, hats, badges, belts, torches, wrenches, department buttons, lanterns, trumpets, and other goods used by fire laddies. He also gives particular attention to the making and repairing of trunks of all kinds. Orders are promptly filled at the most reasonable terms, while the long and honorable career of the house is a guarantee that the best of value, will be given in all purchases made. Mr. Wilson is a native of New York.

R. B. THOMAS, Manufacturers' Agent, No. 90 Chambers Street.—The manufacturers' agent plays an important part in the industries of to-day. This avenue of sale, the connecting link between the producer and the consumer, is becoming more and more the order and method of trade. This system of representation enables the importer to obtain his goods at manufacturers' prices without the expense and loss of time incidental to crossing the ocean. A leading gentleman engaged in this method of trading is Mr. R. B. Thomas, who has had many years' experience in the hardware and machinery trade, and is now agent for many foreign and domestic manufacturers of agricultural hardware, garden and farm implements, etc. Among the concerns represented is the Remington Agricultural Company, of whose manufactures a full and complete sample stock is kept on hand by Mr. Thomas, who has a fine, well-kept salesroom, 30x100 feet in dimensions, on the second floor of the building, No. 90 Chambers Street. The business is entirely of a wholesale character, and a brisk trade is done with dealers throughout the Middle and New England States. Mr. Thomas is a native of Massachusetts, and has resided in New York for fourteen years.

A. M. SPEED & CO., Lithographers, Printers, and Manufacturing Stationers, No. 52 Dey Street.—Among the firms who have made a reputation for fine work in the metropolis may be mentioned that of A. M. Speed & Co., lithographers, printers, and manufacturing stationers, who receive an excellent patronage from the trade throughout the city and environs. This pushing and prosperous firm was established in 1883, and from the inception of the enterprise they have steadily won their way to public favor and prosperity. The premises occupied for business purposes are commodious, and are supplied with ample facilities for executing all orders in the most prompt and excellent manner, while from six to ten expert hands are employed. Lithographing and printing are done in the highest style of the art, at popular prices; and writing pads, account-books, and stationery specialties in great variety are manufactured by hand, fine stationery being the specialty; and altogether the firm have a large and flourishing patronage. The copartnership consists of Messrs. A. M. Speed and F. G. Bock, who are both natives of this city, and young men of push and enterprise.

A. S. NICHOLS 
SLATE & HARD-WOOD
: MANTELS :
 Bric-a-Brac-Mirrors-Brass-Fire-Places-
TILES Etc
FACTORY **PRINCIPAL SHOW-ROOMS**
 Nos 105-107-109-111-EAST 128TH ST
 Nos 104-106-108-110-EAST 129TH ST
 No 15 WEST 27TH ST N.Y. City
 Between Broadway & Fifth Ave



A. S. NICHOLS, Manufacturer of Mantels, etc., No. 15 West Twenty-seventh Street.—The remarkable progress made of recent years by the leading manufacturers of articles and materials essential to the fitting-up of houses seems incredible when compared with the highest achievements of thirty years ago. Both in artistic elegance, originality of design, elaboration of ornament, and perfection of workmanship, the productions of our leading houses in the above lines rank ahead of the highest achievements of the European workers. A forcible illustration of the facts as stated is presented by the productions of Mr. A. S. Nichols, the justly celebrated manufacturer of slate and hardwood mantels, bric-a-brac, mirrors, brass fire-places, etc. Mr. Nichols, though a young man, is old in experience, having for many years brought his abilities to bear to raise the standard in his line, enlarge the field, introduce new methods, and by perfecting his industrial organization, turn out finer work at lower prices than ever before. How well he has succeeded is known to thousands of our leading architects, builders, and house owners, and can readily be demonstrated by all who will visit his showrooms at No. 15 West Twenty-seventh Street, between Broadway and Fifth Avenue, and uptown on One Hundred and Twenty-eighth Street, One Hundred and Twenty-ninth Street and Fourth Avenue. Mr. Nichols has now been in business since 1873, and has had to repeatedly enlarge his facilities. His factory and premises now cover eight city lots at One Hundred and Twenty-eighth and One Hundred and Twenty-ninth Streets and Fourth Avenue, and are fully fitted up throughout with the latest improved machinery and appliances. A force averaging from two hundred and fifty to three hundred hands find steady employment, while the capacity of the works amounts to no less than eight hundred mantels a month; and other goods in proportion. The trade has again and again been agreeably surprised by Mr. Nichols' fertility of design and beauty of the new styles offered; variety is the order of the day in architectural efforts; of a row of fine houses no two are alike, and with mantels and fire-places the most original designs are sought for and will certainly be found here. Many of the wood and slate mantels are magnificently elaborate in finish and ornamentation, adapted to the very finest mansions; he also makes all interior cabinet work. In brass work likewise Mr. Nichols has patterned after none of the old styles. Here are fresh designs in grates, fire-places, fenders, andirons, frames, etc. Also novelties in mantel trimmings, bric-a-brac that charms the refined taste, and also a heavy stock and great variety of patterns of tiles (including the Trent make), specially intended for vestibules, floors, hearths, fire place facings, etc. Having purchased the entire product of one plant and a large amount of another, Mr. Nichols, with his

high-class importations from Europe, is enabled to offer the choicest assortment at below market rates. Showing a larger stock, more comprehensively assorted than elsewhere, with a lower range of prices, it is but natural that he holds front rank in the trade both as to character of patrons and volume of sales. The best proof of the consideration in which his goods are held is afforded by the fact that they were selected for the Stewart Building, Broadway and Chambers Street; the magnificent Hoffman House (most gorgeously furnished hotel in the world); Hotel Brunswick, Hotel Normandie, Hotel Dam, Madison Avenue Hotel, Hotel Vendôme, Navarro Flats (the largest and finest in the world), the "Grenoble," "Dalhousie," etc., etc. He has achieved a substantial success based strictly on merit, and is today the leading manufacturer in his line.

C. W. F. HAMILTON, Wholesale and Retail Druggist, corner Water Street and Coenties Slip.—A representative house in this line is that of C. W. F. Hamilton. Dr. Hamilton, who is a graduate and M.D. of Harvard College, established this business in 1887, since which period he has already built up a liberal and influential patronage. The premises are well arranged and fitted for the business, and are completely stocked with a superior assortment of pure and fresh drugs, etc., and all the miscellaneous articles usually found in a first-class pharmacy. Mr. Hamilton makes a specialty of supplying ships' medicine chests, and promptly furnishes estimates for all kinds of drugs and medical supplies at the lowest market prices. He likewise compounds physicians' prescriptions and other recipes with great care, and gives unremitting personal supervision to all the details of his business. Mr. Hamilton was born in Nova Scotia, but has resided in the United States the greater part of his life.

J. AMES MOHAN, Dealer in Butter and Cheese, No. 157 Washington Market.—Mr. Mohan has been engaged in various capacities in this market for the past eleven years, and in 1887 he started business on his own account. In this he has been most successful, and has built up a trade of large proportions. His stall is ever clean and inviting, and he carries a well-selected stock of the finest creamery and dairy butter and the highest quality of cheese to be found in the market. The trade is both wholesale and retail, and the prices are always fair and equitable. A specialty is made of supplying hotels, restaurants, steam-ships, grocers, and private families, and orders are promptly and satisfactorily filled. Mr. Mohan, who is a native of this city and a young man of ability and enterprise, devotes himself entirely to the management of his business.

W H. RASER, Drug Broker and Commission Merchant, No. 32 Platt Street.—The wholesale transactions in drugs, dyes, and chemicals in New York annually aggregate vast magnitude, as it is scarcely necessary to observe, constituting, as the trade in these products does, one of the great departments contributing to the sum of commercial activity in the metropolis. The quantities disposed of through the medium of the broker and commission merchant alone reach enormous proportions. Among the old and responsible business houses in this line in the city is that of Mr. W. H. Raser (successor to Daniell & Co.), the well-known and popular drug broker and commission dealer in drugs, chemicals, dyestuffs, etc., No. 32 Platt Street, which is one of the oldest and most reliable establishment of the kind in New York. The house was founded many years ago by the widely and honorably known firm of Daniell & Co., who conducted it up to 1883, when they were succeeded by the gentleman whose name heads this sketch, and by whom the business has since been continued with uninterrupted success. He carries on a general brokerage and commission trade in drugs, chemicals, oils, paints, dyestuffs, and druggists' sundries, and altogether Mr. Raser transacts a large and flourishing business, his connections

and Edward Leaming, both natives of this State and photographers of vast experience and innate ability, who learned every detail of the profession in leading galleries, and are familiar with the requirements of the best classes of the public. Their studio, art gallery, and operating room are handsomely fitted up and adorned with splendid specimens of their work. Their outfit is perfect, all pictures being taken by the instantaneous process, and the babe in arms takes as well and clearly here as the adult. The proprietors are justly celebrated for securing to sitters a graceful, natural pose, and for happy development of the best position to get the finest photo. Call and be convinced. All pictures are finished and mounted in highest style of the art, at prices positively (quality considered) not duplicated elsewhere, while old pictures are copied or enlarged true to original and at figures practically nominal.

E. H. MAITLAND, Sanitary Engineer, Plumbing, Steam and Gas Fitting, No. 364 Greenwich Street.—Mr. Maitland is a sanitary engineer, plumber, steam and gas fitter of large experience and high reputation, and established himself here in 1887. His business premises are spacious in size, and are in every

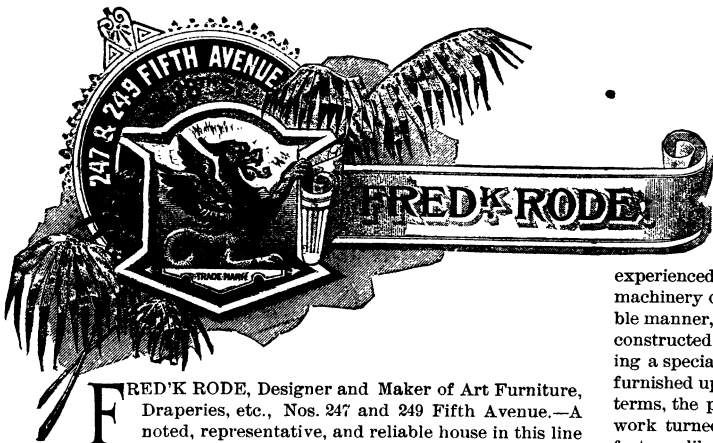


Custom-House, Wall Street, in 1860, now Sub-Treasury.

extending throughout the United States, Canada and Europe. Mr. Raser is a native of Pennsylvania, but a resident of this city over a dozen years; is a man of sterling integrity in his dealings, as well as energy, sagacity, and excellent business qualities, and maintains an enviable reputation in the trade.

NEWMAN & CO., Photographic Studio, No. 183 Essex Street.—We have not in many a day experienced as much artistic gratification as upon the occasion of a visit to the elegant photographic studio of Messrs. Newman & Co. The character of the work done here compares favorably with the finest on Broadway and Union Square at one half the prices, and we cordially recommend our readers to inspect the specimens of Messrs. Newman & Co.'s remarkable achievements in every branch of photography and portrait painting in oils, crayons, pastels, India ink, etc., etc. This business was started here in 1886 by Messrs. Samuel Newman

way well adapted for the trade. The stock here carried comprises all kinds of plumbing materials and every requisite for steam and gas-fitting. Employment is given to fifteen skilled workmen, all of whom are thoroughly reliable and who are kept on new work and in remodelling defective plumbing which has been done by inexperienced mechanics, and those who intrust orders and commissions to his care may depend upon their being punctually attended to and finished with all the skill that superior workmanship can accomplish. Every description of sanitary engineering, steam and gas-fitting is accomplished with promptitude and conscientious care, and roofs are also repaired and painted; speaking-tubes are furnished and bell-hanging and general jobbing receives faithful attention. Estimates are promptly furnished, and all the work emanating from this establishment is guaranteed to be first-class in every particular. Mr. Maitland is a native of Europe, and well known in this city as an accomplished master of his trade.



FRED K RODE, Designer and Maker of Art Furniture, Draperies, etc., Nos. 247 and 249 Fifth Avenue.—A noted, representative, and reliable house in this line is that of Mr. Fred K Rode, whose studios, offices and warerooms are located at Fifth Avenue and Twenty-eighth Street, "in the magnificent Knickerbocker building," Nos. 247 and 249. This gentleman is an architectural designer by profession, and he is now producing, to fill special orders, many artistic examples of fine furniture of a character not hitherto attempted in this country, and which experts do not hesitate to pronounce of "a very high order of excellence." The premises occupied as show-rooms, are centrally and excellently located being near all of our leading hotels, and his establishment is fully equipped with every facility and appliance for the successful prosecution of his extensive business. The stock embraces superior examples of furniture suitable, for drawing-rooms—as well as libraries, dining-rooms and bed-chambers, hall-furniture, draperies in all the most desirable fabrics, interior decorations, gas fixtures, mantels, etc., and so displayed "in a manner distinctive with this house" that one does not become confused, but is enabled to make a judicious selection, either from stock or with a view to order according to the taste or requirement of the buyer. Mr. Rode is one of the most energetic men in the business, as evinced by the manner in which he personally superintends his large force of cabinet-makers, carvers, etc., selecting his woods with the greatest care—using largely mahogany, cherry, satin-wood, rose-wood, oak, walnut, and others, every portion of his work being carefully finished to the minutest detail. A great advantage secured by patronizing Mr. Rode is that he will make all furniture necessary for a mansion, fit up its interior wood-work and fully decorate it, all upon the basis of a complete conception of what is needed to secure harmonious style, colors, and tone. Mr. Rode offers special facilities to those desiring to have their houses, apartments, offices, or halls redecorated, making use of all the finest and newest materials, and quoting prices that cannot be duplicated elsewhere for such superior work. The proprietor has agents in Paris, Berlin, and London. Mr. Rode is highly respected by the community for his strict integrity, and conducts his business on fixed principles, which fact, coupled with his marked skill and enterprise has gained for him the confidence and patronage of numbers of our leading and eminent citizens.

WILLIAM BRAIDWOOD, Engineer and Machinist, No. 15 Harlem Railroad Building.—Perhaps in no branch of industry, science, or art, has the march of progress left such imprints during the past half century as in the sphere of activity devoted to the construction of machinery of all kinds. The improvement, and the marked development of mechanical skill, and the advance made in this direction within the period mentioned is among the notable features that mark the age of progress in which we live. Of those who have made a reputation for skill and ability in the mechanical engineering and kindred branches in this quarter of the city, few if any stand higher than William Braidwood, engineer and machinist, whose ample and well-ordered shop is situated at No. 15 Harlem Railroad Building, corner White and Centre Streets, and who for upward of thirty years has maintained a leading position in his line in this vicinity; being in fact one of the oldest and foremost exponents of the art in New York. Mr. Braidwood, who is a gentleman in the full prime of life, active and vigorous, was born in Scotland but has resided in this country since 1849. He is a

practical and expert mechanical engineer and machinist with some forty-five years' experience in the exercise of his profession, and a thorough master of the art in all its branches. Being well endowed with the energy and foresight proverbial of his countrymen the world over, Mr. Braidwood embarked in business on his own account here in 1857, and from this period down to the present day he has enjoyed a large and highly-flattering patronage. The shop, which occupies a 20x60-foot floor, is supplied with ample steam-power and completely equipped with the most superior facilities, and half a dozen or more experienced workmen are employed also. Designs and plans for machinery of every kind are executed in the most accurate and reliable manner, and machines and mechanical appliances of all kinds are constructed in the very best style of the art; printers' machinery being a specialty, while estimates for all classes of work are promptly furnished upon application. Repairs also are executed at reasonable terms, the proprietor devoting close personal supervision over all work turned out in the establishment. Mr. Braidwood is manufacturer likewise of the following patented devices: "Excelsior" job and card printing press, power perforating machine, blank-book work folding machine, treadle and steam perforating machine, metal leaf-laying machine, machine for making carbon paper for manifold or stylographic copying books, cylinder bronzing and cleaning machine (combined), machine for drying fruits and other materials by steam heat, machine for round-cornering books, and machine for gumming and varnishing paper, machines for indexing books, machine for stabbing, punching, and round-cornering, combined in one. These two latter are new inventions.

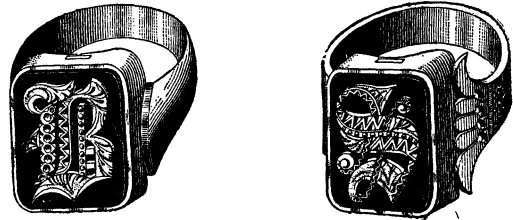
MILLS & COLEMAN, Diamonds, Watches, and Fine Gold Jewelry, No. 189 Grand Street, corner Mulberry Street.—This well-known house holds a commanding position among the mercantile institutions of the great metropolis. It was founded in 1859 by its present proprietors, who have continued its management with steadily-increasing success. The store is 30x100 feet in size, admirably appointed, and perfect in convenience of arrangement. The firm deals largely in diamonds, watches, fine gold jewelry, solid silverware, and, in fact, everything usually found in a first-class jewelry store. The department allotted to diamonds and precious stones displays the genius of the jeweller in its highest form. Diamond and emerald, ruby and beryl, opal and pearl, sard and peridot, jacinth and spinel, topaz and turquoise—all these and more are fittingly represented. Here are diamonds in all conceivable shapes, of unequaled whiteness and clearness, of absolute faultlessness, "gems of purest ray serene," riviére, solitaire, cluster, and pendant, panache and aigrette, necklace and bracelet, chains, earrings, and chatelaines. Here are the finest china and table ware, decorated by hand in the most masterly manner by skilled artists. The innumerable articles of large and small silverware are noted for grace, originality and novelty of design, elaborate workmanship, and exquisite quality. The assortment of watches comprises the best makes of Europe and America, and repairing of the same is skilfully and promptly done. The members of this popular firm are Mrs. M. A. Mills, Dudley M. Mills, and Geo. B. Coleman. They are both honorably and closely identified with the history of the jewelry trade in New York.

C. NOONAN, Manufacturer of Fine Electro Silver Plated Ware, No. 53 Maiden Lane.—Mr. Noonan was born in Hartford, Conn., and has been a resident in New York since 1865. He has had over twenty years' practical experience in the trade, and in 1873 started business on his own account. The premises occupied for the business comprise the second floor of the building. This is 25x60 feet in dimensions, and is equipped with all the latest improved apparatus and appliances pertaining to the business, and the machinery is operated by steam-power. Ten hands are permanently employed, and the operations of the establishment are confined to manufacturing for the trade, to order and otherwise. The house makes a specialty of table silver-plated goods of all kinds, and particular attention is given to the plating of band instruments, and to the repairing and plating of gold ware. A fine stock is carried and a large business is done, the business relations of the house extending to all parts of the country. Mr. Noonan's prices are reasonably low, and will compare favorably with those of any similar establishment.

J. D. OHLHOUS' PRIVATE DANCING ACADEMY, Nos. 282 and 284 Bowery.—One of the most popular among the accomplished instructors of the art of dancing in the city is Mr. J. D. Ohlhous, whose private dancing academy occupies the second floor of the building, Bowery, corner of Houston Street. Mr. Ohlhous is a young man, possessing fine abilities as a dancing-master, and learned the art under the careful tuition of his father, who at one time was considered one among the best and most correct teachers in New York, and whom he succeeded two years ago. The school has been established over twenty-three years, and during that time has received the patronage of many of the best families in the city. The methods of instruction adopted by Mr. Ohlhous are simple, easy and practical, and pupils, after a few lessons, are enabled to participate in either round or square dances with skill and grace. He is always among the first to introduce the new waltzes and dances, and as an instructor is fully equal to the best in the city, and guarantees satisfaction to all who avail themselves of the advantages offered at his academy. Parents entrusting their children to Mr. Ohlhous' care are assured that the greatest vigilance will be observed as to their conduct and associations. The academy is open for the reception of pupils all day, and parents and guardians are respectfully invited to visit it. The days of tuition are: Class for ladies and gentlemen, Monday and Thursday, 7 to 10 P.M.; Class for ladies exclusively, Tuesday and Friday, 7 to 9 P.M.; Class for gentlemen exclusively, Wednesday and Saturday, 7 to 10 P.M.; extra private class for gentlemen, Sunday afternoon, 2 to 4½; private lessons at any hour from 8 A.M. to 7 P.M.; private lessons, Tuesday and Friday, from 9 to 11 P.M.; reception (soiree) every second and fourth Thursday of each month, 8 to 12 P.M. Terms, payable at the commencement, one quarter of twelve weeks, including both classes (four times every week): Ladies, both classes (four times weekly), \$5 00; gentlemen, both classes (four times weekly), \$8.00; children, four times weekly, \$6.00; private lessons, each \$2.00; six private lessons, for ladies, \$8.00; six private lessons, for gentlemen, \$10.00. It has always been the aim of Mr. Ohlhous to manage his dancing academy in such a manner as to favorably compete with the best academies in the upper parts of the city, and as a further inducement he begs to inform his patrons that there are no extra charges for hats and overcoats, exacted in all other academies, thus reducing the price in this academy to the very lowest. Mr. Ohlhous is a native of New York. He has in his classes from four to five hundred pupils every year. He guarantees pupils to waltz in three private lessons.

ALEXANDER KUH'S SONS, Dry Goods, No. 879 Sixth Avenue.—The representative house in the dry-goods trade up-town is that of Alexander Kuh's Sons, located at No. 879 Sixth Avenue, between Forty-ninth and Fiftieth streets. The business has been established since 1851, and under the able management of the founder, Mr. Alexander Kuh, it was very successful and prosperous. Mr. Kuh was succeeded by his sons, Mr. M. A. (who was in the firm with his father three years before the present firm was formed) and Mr. M. F. Kuh in February, 1886. Both members of the firm are thorough, active young business men, and are alive and wide-awake to the interest of their patrons, and under their careful administration of affairs the house has become well known, not only as one of the largest but one of the most popular in the section of the city in which it is located. A glance through the handsomely fitted-up establishment reveals a thoroughly well-ordered business and an assortment of goods full and complete in all departments, the stock embracing foreign and domestic dry and fancy goods, ladies' and gentlemen's fine furnishing goods, notions, small wares, and dressmakers' trimmings, linings, etc.; and also cloths, silks, satins, velvets, and all articles that belong to the business. The firm can always offer special inducements to buyers in the way of superior goods at moderate prices, and treat the patrons liberally in an upright, fair, and honorable manner. In dimensions the premises are 25x100 feet, and are fitted up with remarkable good taste and judgment, and are complete and perfect in all appointments. The business is large and steadily growing, while the manner the house is conducted in is a fine exemplification of those principles without which no permanent success could be achieved. Both members of the firm are natives of this city, and stand high in commercial circles. They are gentlemen of undoubted integrity, and are very popular with all who patronize their well-conducted house.

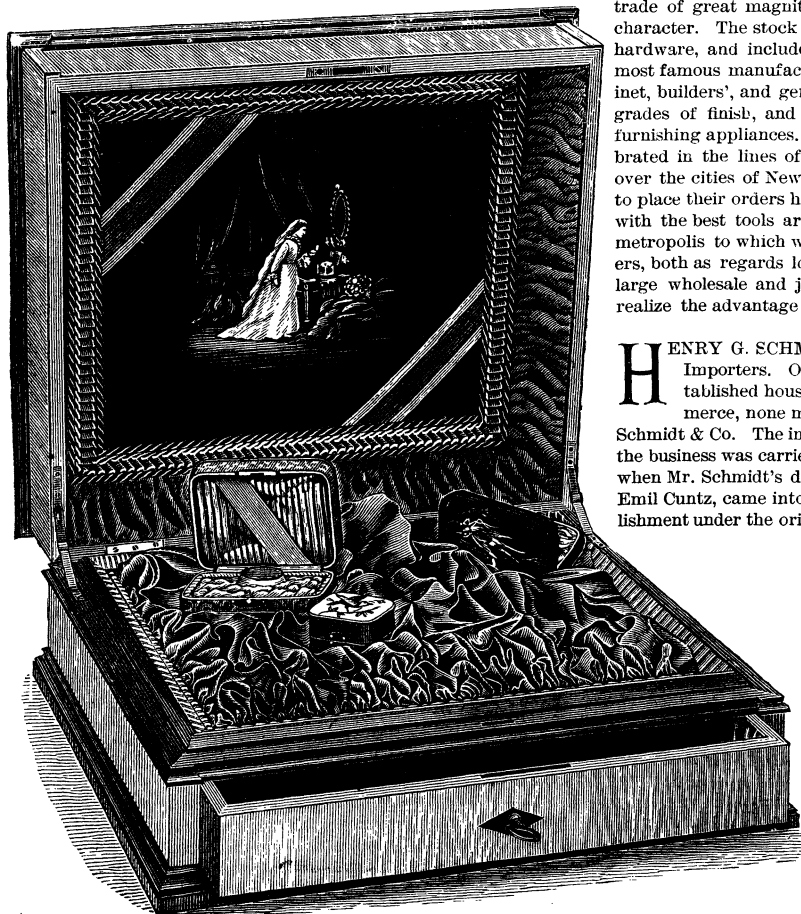
WM. MEERBOTT & SON (Successors to Meerbott Bros., late of No. 16 Cortlandt Street), Manufacturing Jewelers, No. 53 Nassau Street.—The house of Messrs. William Meerbott & Son, No. 53 Nassau Street, by keeping steadily in advance of the trade in various methods of manufacture, has won a permanent success and a fine reputation in the trade. The business of this concern was originally founded at No. 16 Cortlandt Street, under the firm style of Meerbott Bros. This firm was reorganized four years ago, and became William Meerbott & Son. The latter, William Meerbott, Jr., is, like his father, a native of Germany, and both have been residents of New Jersey for the past thirty-five years. The firm are widely known as manufacturers of fine gold and silver jewelry of every description, and a specialty is made of initial rings,



which are promptly and satisfactorily made to order for the trade. The initial rings manufactured by this house, are exclusively handled by Messrs. J. T. Scott & Co., of No. 4 Maiden Lane. These rings are manufactured of the finest gold and from the most original designs, its special features being a movable device, by which the initial letter can be changed at will. Its novel feature, coupled with its superiority as a ring, makes this particular department of the firm's business an important one, while entrusting its sale to Scott & Co insures its introduction over a broad territory. The firm occupy the third floor of the building, which is 25x100 feet in dimensions, and this is finely fitted up and arranged, and provided with all the necessary mechanical appliances for the successful prosecution of the business. Five hands are permanently employed, and the house manufactures for the trade at short notice articles of jewelry of every description, and their output in this branch is noted for its uniform excellence and superior workmanship. The firm have gained a wide celebrity in the trade, and they have permanently established business relations throughout New York and the adjoining States. The business is wholesale in its character, and the firm rank among the most honored manufacturers in their line in the metropolis.

R. H. LUTHIN, Wholesale Druggist, etc., No. 191 Bowery.—An establishment that has for two score years occupied a most prominent position in its special line of trade, and which has ever maintained a reputation of exceptional excellence is the wholesale and retail drug house conducted by Mr. R. H. Luthin at No. 191 Bowery. This well-known concern was originally founded forty years ago by G. A. Cassebeer, and, after being carried on under his management for thirty-six years, the present proprietor succeeded to the control in 1882, and has, through his able and energetic methods, coupled with liberal methods and honorable purpose, greatly augmented the trade of the house, and largely increased its list of permanent patrons. The premises occupied comprise a store and basement, 25x80 feet in dimensions, excellently equipped in every department for the systematic prosecution of the business. A very heavy stock is carried of pure drugs and chemicals, dyes, herbs, proprietary medicines, pharmaceutical specialties, and materials of all kinds for the arts and sciences. None but the freshest and most reliable goods are handled, and everything purchased here may be relied upon to be exactly as represented. Mr. Luthin puts up a number of valuable remedies of which he makes leading specialties, and among which may be mentioned, "Cod-liver Oil Emulsion," "Vitalized Cordial," "Sarsaparilla," "Beef, Iron and Wine," "Wild Cherry Syrup," and many others. Employing a staff of experienced assistants, he is at all times prepared to meet all the wants of the public in his line, and devotes special attention to the compounding of physicians' prescriptions, guaranteeing accuracy in every case. Mr. Luthin's twenty years' experience has given him a thorough, expert knowledge of his profession, and he enjoys the fullest confidence and esteem of all with whom he has dealings.

SAMUEL C. JACKSON, Manufacturer of Morocco, Velvet, and Plush Jewelry, Silverware Cases, and Fine Wood Cabinets for Silverware and Jewels, No. 180 Broadway.—The finest achievements in the line of morocco, velvet, and plush cases for jewelry and silverware, also fine hard wood cabinets for silverware and jewels, are unquestionably those manufactured by Mr. Samuel C. Jackson, of No. 180 Broadway. He is the leading and oldest established representative in this branch of trade, and is very widely and favorably known throughout the wholesale and retail jewelry



trade, both at home and abroad. He is a native of Newtown, Long Island, and of which town he is a permanent resident. Mr. Jackson thoroughly learned this trade in every detail, and about twenty years ago embarked in business upon his own account, early becoming celebrated for the stylish character of his cases, adaptation to the actual requirements of each customer, and lasting durability. His trade has grown upon this solid basis of efficiency and fair dealing to proportions of great magnitude, and in his finely-equipped factory, top floor of No. 180 Broadway, he employs upward of fifty hands, and turns out full lines of cases contracted for by the leading jewelers of this city and throughout the country at large. He also sells to the trade in South America, Central America, West Indies, and Canada. In his handsome salesroom on the first floor of No. 180, will be found full lines of his elegant cases, and we recommend those in search of the most perfect product of the skilled and experienced manufacturer in this line, to examine this stock, which both as to price and quality cannot be duplicated. Mr. Jackson is a business man of sterling integrity, has ever retained the confidence of leading commercial circles, and is worthy of the large measure of success he has achieved, and is highly respected by all who have ever had dealing with him.

JAS. T. PRATT & CO., Dealers in First-class Mechanics' Tools, Cutlery, and Hardwares, No. 53 Fulton Street, and No. 42 Cliff Street.—Among the oldest-established and most enterprising houses dealing in first-class mechanics' tools, cutlery, and hardware is that of Messrs. Jas. T. Pratt & Co. Their enviable reputation has been acquired by reason of their excellent practical ability, sound judgment, and honorable methods. The business was started in its present location back in 1864, by Messrs. James T. and H. A. Pratt, thus continuing until 1870, when Mr. Willis Dodge came into copartnership under the existing name and style. They have developed a trade of great magnitude, with connections of the most influential character. The stock is complete in full lines of shelf and heavy hardware, and includes the best goods bearing the brands of the most famous manufacturers of Europe and America in the line of cabinet, builders', and general hardware: the finest tools, cutlery of all grades of finish, and best qualities of steel; novelties and house-furnishing appliances. Messrs. Pratt & Co. have become justly celebrated in the lines of tools and cutlery, and buyers come from all over the cities of New York and Brooklyn and out of town as well to place their orders here. Plain and fancy wood tool-chests packed with the best tools are a specialty; and we know of no house in the metropolis to which we can more confidently recommend our readers, both as regards low prices and highest quality. The firm do a large wholesale and jobbing trade with out-of-town dealers, who realize the advantage of handling only reliable grades of hardware.

HENRY G. SCHMIDT & CO. (Emil Cuntz, surviving Partner), Importers. Office, No. 38 Beaver Street.—Among the oldest-established houses actively engaged in this department of commerce, none maintain a higher name than that of Henry G. Schmidt & Co. The inception of this business dates back to 1857, and the business was carried on without changes of partnership until 1881, when Mr. Schmidt's death occurred, and the surviving partner, Mr. Emil Cuntz, came into the sole control, but has continued the establishment under the original firm style. The house has been successful from the beginning in securing the favor and patronage of the trade, and its connections now extend to all sections of the United States. The premises occupied for the purposes of the enterprise comprise three commodious floors equipped in the most approved style. One floor is fitted up with tasteful and handsome appointments as the business offices. The house is a direct importer of the choicest champagnes, clarets and sauternes, burgundies, port wines, sherries, cognac, Irish and Scotch whiskies, gins, rums, cordials, etc., securing its supplies from the leading European manufacturers and distillers, and a very heavy stock is carried. The business is with jobbers, dealers wine-rooms, steamers, etc. Mr. Cuntz devotes his personal attention to the direction of his affairs, and is respected by all with whom he comes in contact.

JVAN LOAN & CO., Dealers in Pianos, Organs, and Musical Instruments of all kinds; also Publishers of Music; No. 21 East Fourteenth Street.—A well known and deservedly popular establishment is that of Messrs. J. Van Loan & Co., dealers in musical instruments and publishers of sheet music and music books. This business was founded in 1882, and has been continuously successful from the outset. The copartners in the firm are Messrs. J. and Z. Van Loan, brothers, and natives of New York. The former was for fifteen years connected with the house of Wm. A. Pond & Co., and is thoroughly versed in all the departments of his vocation. The premises occupied are eligibly located, the spacious salesroom having dimensions of 20x75 feet, being fitted up in the most tasteful and convenient manner. A large, complete stock is carried, embracing all the most celebrated makes in pianos and organs, and a full assortment of musical instruments, sheet music, music books, and musical merchandise in general. The pianos and organs are for sale and to rent, sales being made for cash or on easy monthly payments. A specialty is made of tuning and repairing, and all work done in this line is warranted to be perfect, while the charges are always consistently moderate.

LUDWIG NISSEN & CO., Importers of Diamonds, and Manufacturing Jewelers, No. 18 John Street.—Among the noteworthy and flourishing diamond-importing and manufacturing jewelry houses that have bounded into prominence and prosperity within recent years in this city may be named that of the enterprising and popular firm of Ludwig Nissen & Co., whose establishment is eligibly located at No. 18 John Street. This is one of the most reliable concerns in this section of the city devoted to this important branch of industrial activity, while its products are in extensive and steady demand owing to the deservedly high reputation they sustain in the trade. The business of this creditable house was inaugurated in 1881 by the present proprietors, Messrs. Ludwig Nissen, and Fred. Schilling, and the positive and permanent success that has attended the enterprise from the start amply attests the general excellence of the goods handled, to say nothing of the energy and ability displayed in the management of affairs. Messrs. Nissen & Co. occupy an admirably appointed office and a well-equipped workshop, where a force of skilled workmen are afforded employment. Every convenience is possessed for the systematic prosecution of the industry, and the firm carry on an active line of operations as importers of the finest diamonds, and as manufacturers of all kinds of superior jewelry, in unique designs and of the most meritorious order. A large and valuable stock is carried to meet the active demand, and the patronage is of the most influential and desirable character. It may be said right here, that among the many of their fine productions which found great favor in the trade is the now famous "Cleveland Daisy," of which they were the original designers and makers. The business management of the concern is in the hands of men of push, integrity, and sound judgment, which to a great extent accounts for the large measure of prosperity they have gained.

JOHAN GALT & SONS, Miners, and Wholesale Dealers in all kinds of Roofing Slate, No. 52 John Street.—One of the oldest established and leading houses of New York engaged in the mining and wholesale handling of roofing slate is that of Messrs. John Galt & Sons, whose premises occupy an eligible business site at No. 52 John Street. The business was founded by the head of the house in 1860. In 1884 the firm of John Galt & Son, was formed by the admission of Mr. C. H. Galt to copartnership; and in January, 1888, Mr. Wm. R. Galt, another son, became a member of the firm, the title being changed at this date to that at present borne. The house possesses unrivalled facilities for promptly and satisfactorily supplying the trade with the best grades of roofing slate, the firm controlling the output of extensive mines located in New York, Pennsylvania, and Maine. The premises occupied are admirably adapted to and well arranged for the business, and here is at all times to be found a full and complete stock, embracing all varieties and sizes of this great building utility. The firm do an extensive and voluminous business throughout the United States, and the house sustains an enviable reputation in the trade for reliable goods and fair and equitable dealing. The Messrs. Galt are natives of Newburgh, but have long resided in the metropolis, where they are numbered among the representative and highly respected city business men.

ATLAS PAINT WORKS, Henry Hageman, Proprietor. Factory, Brooklyn, L. I. Office and Salesrooms, No. 184 First Avenue.—The demand of the public for paints ready prepared as well as in their dry state was never satisfactorily met until the starting of the nationally celebrated Atlas Paint Works in 1880. This establishment has within eight years come to the front rank of the trade in the United States, and its paints are steadily superseding those of all other brands, because they are more durable and brilliant, cheaper, and better every way. The works in Brooklyn are very extensive, and the best equipped of their kind in the world. All modern machinery and facilities have been introduced, and the raw materials are obtained in the largest quantities, prepared and ground, in a state of absolute purity, and always found by the public to be just as represented. There is always carried the most complete stock of paints, varnishes, oils, and painters' requisites in New York City. Mr. Hageman, the proprietor, is an able and representative manufacturer, the leading authority on what is best adapted and required for indoor and outdoor work. Here is headquarters for purest white lead and zinc, absolutely free from adulteration; full lines of colors in oils; pure linseed and other oils; full lines of dry colors, varnishes, japans, and dryers; glues at prices that cannot be met elsewhere; as also full lines of oils, coach colors, gold, and silver leaf, and

bronze powders of all shades; also all kinds of brushes for painters, kalsominers, sign letterers, frescoing, etc.

A. PRATT, Oculist and Manufacturing Optician, No. 75 Nassau Street.—Mr. Pratt is an oculist and manufacturing optician of thirty years' experience, and no more practical or skilled member of the profession is to be found in the city. He was born in England, and came to this country and settled in Brooklyn twenty-two years ago. Twenty-one years since he founded his present enterprise in its present location, and here he has built up a trade of considerable proportions. In spectacles and eye-glasses he makes one of the most satisfactory displays, and keeps all descriptions and powers of eye-glasses, magnifiers, etc., fitted with the best Brazilian pebbles and other approved lenses, which Mr. Pratt is prepared by reason of his long experience to select from with special reference and suitability to the power and condition of the customer's eye. He is widely known for his skill in this branch, and has built up a trade extending all over this vast country. In the important matter of prices, Mr. Pratt is without a rival, as his trade expenses are small compared with those of his competitors, and his customers and connections are of the most superior classes of society. His trade is both wholesale and retail.

HENRY A. ASHWELL, Hat Block and Flange Factory, Nos. 180 and 182 Centre Street.—Mr. Henry A. Ashwell has gained considerable distinction, and built up a trade that is national in its character, as a manufacturer of hat blocks and flanges, and his products in this line have become standard goods in the trade. The business controlled by this gentleman was originally established under the firm style of Ward, Ashwell & Co., in 1875. This partnership subsisted until 1884, and on its dissolution Mr. Ashwell became the sole proprietor. He has since conducted the business with marked success. His factory has an area of 25x75 feet, and is equipped with all necessary machinery, which is operated by steam-power. Mr. Ashwell brings to bear upon his enterprise an experience covering a period of eighteen years. Constant employment is afforded to from six to ten hands, and the facilities of the establishment for promptly filling all orders are of the most ample and complete character. Mr. Ashwell is a native of New York, and a young man of business push, enterprise, and probity.

HENRY LUHRS, Fruit and Produce, No. 41 Ninth Avenue.—Among most popular and reliable concerns dealing in fruits and produce may be named the well ordered establishment of Henry Luhrs. The business was established originally about six years ago by the firm of Klinke & Luhrs, which subsequently dissolved, Mr. Luhrs opening at the present location alone in 1886, and has since conducted the business here with uniform and gratifying success. From the first his patronage has steadily and materially increased, until now the trade of the house is at once large, prosperous, and permanent. The premises occupied are commodious and ample, and a heavy and excellent stock is constantly carried on hand, while some four or so capable assistants are in attendance, and the trade, which is wholesale principally, extends throughout the entire city. Mr. Luhrs, who was born in Hanover (Germany), but has lived in New York for an odd quarter of a century, is a young man of agreeable manners and strictly honorable in his dealings, as well as of push and untiring industry, and is in fact largely endowed with the progressive qualities proverbial of his race. He is also a popular and respected member of the I. O. O. F., and the efficient Secretary of Lodge 2617, Knights of Honor.

GEO. A. FOUNTAIN, Manufacturer of Specialties in Cards and Paper, No. 33 Beekman Street.—Mr. Fountain has been established since 1866, and has built up a large, prosperous business. His establishment is fitted up with special machinery, printing-presses, etc., operated by steam-power, and from twenty to twenty-five skilled workmen are employed in the different departments, who are engaged in the manufacture of various specialties in cards and paper and novelties, the facilities for the special line of production not being equalled by any other house in the city. Cutting circles of any diameter is done to order, also eyeletting and punching, and scoring, and a specialty is made of memorandum pads and bottle-top covers. Mr. Fountain has superior facilities for doing this kind of work, and can offer the very best inducements to the trade. Born in New Jersey, Mr. Fountain has resided in this city many years.

J. HOWARD FOOTE, Importer of Musical Instruments, Nos. 31-33 Maiden Lane.—The leading representative importer of musical instruments in the United States is Mr. J. Howard Foote, whose business is also one of the oldest established in its line, having been founded back in 1835 by Rolé & Leavitt, who were succeeded by Mr. Foote in 1865. The house has always been located in this section of the Lane, and is one of the old landmarks of the trade, none the less flourishing because so old; on the contrary one of the most ably conducted in America, Mr. Foote carrying the finest and largest stock of musical instruments, and offering substantial inducements to the trade both as to price and quality. He has influential connections all over the United States, and an extensive export trade, selling to leading houses, brass band associations and performers, and in 1868 opened his Chicago house, now so advantageously located on fashionable Wabash Avenue. At 31 and 33 Maiden Lane, this city, he occupies six entire floors, 25x80 feet each, where he displays an immense and comprehensive stock from the best makers only, of brass-band instruments, cornets, violins, flutes, cellos, guitars, banjos, etc., musical boxes of the highest quality, etc. A specialty are his Imperial Russian gut strings, absolutely unrivalled for excellence and durability. He is sole United States agent for the genuine "Courtois" cornets and band instruments recognized throughout the world as the finest in professional circles. He is also sole proprietor and maker of the popular "Challenge" and the J. Howard Foote "Superior" light piston band instruments, and has developed a trade of great magnitude therein. He is also sole proprietor and maker of the "Favorite" and the "Bini" patent guitars, and general and export agent for the Carpenter organs, the standard reed instruments of America. Mr. Foote is a native of Connecticut and a lineal descendant of the family that has since 1630 continued in vigorous direct succession one of the oldest and most vigorous in the United States. He has become the recognized leading authority in the musical-instrument trade. At the permanent exhibition of band and orchestral instruments, etc., at the National Museum, under the direction of the Smithsonian Institution, at Washington, D. C., his house was selected by the Director and officers of the National Museum as the representative house of the United States in the line of band and orchestral instruments, etc., and invited to contribute a permanent exhibition of such goods. The special honor conferred on the house will be better appreciated by stating the fact that this exhibition is the only one of its character admitted to the National Museum, and that Mr. Foote has the exclusive privilege to continue and add to the present display without limit as to time. A letter from Professor Spencer F. Baird, Director of the National Museum, under direction of the Smithsonian Institution, says: "I beg to acknowledge the receipt of the musical instruments sent by you for the National Museum. The collection is a very fine one, and will, I am sure, attract much attention when it is installed. In behalf of the Museum I wish to thank you very heartily for the interest which you have taken in its welfare. We shall take every means to exhibit your collection in the most attractive manner. There will be no trouble in providing special cases for the finer instruments, of which you speak in your letter. I think our preparators will be equal to the emergency of mounting the instruments. Should occasion arise I shall take the liberty of writing to you. I shall be very glad to receive hereafter from you any notes which may be of service in making the descriptive labels instructive to the public. Again thanking you for your contribution to the Museum, I remain, yours respectfully, SPENCER F. BAIRD, Director."

G. GEORGE B. ROBINSON, Flour and Commission Merchant, No. 28 Water Street.—Of the various staple commodities of commerce there is none which is possessed of more importance than is attached to flour and grain, and the handling of these necessary food products constitutes a mercantile industry of the utmost value. Among the houses engaged in this line in the metropolis is that of Mr. George B. Robinson, whose establishment is located at No. 28 Water Street. He has long occupied a leading position in the export trade in flour and grain. Mr. Robinson founded his enterprise in 1867, and having a thorough knowledge of the requirements of the business, and being withal a man of energy, he soon won an active patronage of the most desirable character, and his trade has now long been of considerable importance. The connections that have been acquired are of the most favorable nature, especially with South American and West India merchants, enabling him to meet all demands in the most satisfactory manner. Thus, with the most complete facilities

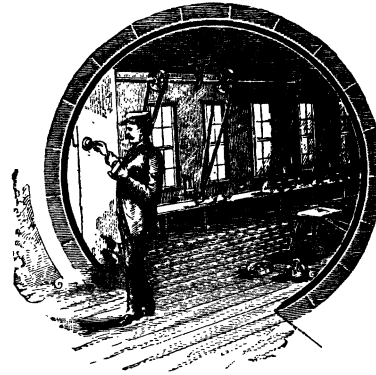
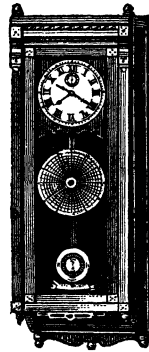
at his control, Mr. Robinson is carrying on a general line of operations as a wholesale dealer and commission merchant in flour and grain, and commands an extensive export trade with South America and the West Indies. He sells flour and grain on commission for Western mills, and pays drafts on consignments, making prompt returns on all shipments. Mr. Robinson gives his personal attention to the direction of his affairs, and patrons of the establishment always have their interests carefully guarded. He is about forty-five years of age, and a native of Rhode Island. He is a director of the Mount Morris Bank of this city and member of the board of managers of the New York Catholic Protectory; is well known in commercial and business circles and is held in high regard as a representative merchant.

L. LONGMAN & MARTINEZ, Manufacturers and Exporters of Paints, Oils, and Varnishes, etc., No. 207 Pearl Street.—In few industries in the United States has more marked progress been made than in the manufacture of paints and varnishes. Among the representative and enterprising houses actively engaged in this industry in New York city, a prominent one is that of Messrs. Longman & Martinez, whose offices and salesrooms are centrally located at No. 207 Pearl Street. The factories of the firm, which are fully equipped with the latest-improved apparatus, machinery, and appliances, and furnish employment to two hundred operatives, are situated in Brooklyn, N. Y. This business was established in 1852, the present firm in 1885 succeeding Wadsworth, Martinez & Longman. The copartners are Messrs. Walter Longman and Aristides Martinez, both of whom are thoroughly practical paint and varnish manufacturers, fully conversant with every detail and feature of the business and the requirements of customers. They manufacture extensively all kinds of paints, oils, and varnishes, and make a specialty of producing fine prepared paints. The paints and varnishes of this reliable firm are unrivalled for quality, purity, and uniform excellence, and have no superiors in the American or European markets, while the prices quoted in all cases are as low as those of any other first-class house in the trade. The trade of Messrs. Longman & Martinez extends throughout all sections of the United States, while they likewise export large quantities of their splendid paints to Canada, Mexico, the West Indies, Central and South America. Mr. Longman is a native of New York, while Mr. Martinez was born in Havana, but has resided in the United States the greater part of his life. Both partners are highly regarded in mercantile circles for their sound business principles and integrity, and the success achieved by them is only a just reward of their industry and energy.

T. THE JOHN J. CROOKE COMPANY, Manufacturers of Plain, Colored, and Embossed Tin Foil, etc., No. 186 Grand Street.—The representative and most successful house in the United States, actively engaged in the manufacture of all descriptions of tin foil and metallic capsules, is that of the old-established and prominent John J. Crooke Company. The company has likewise factories and salesrooms in Chicago. This business was established originally in 1845 by Mr. John J. Crooke, who, as the pioneer in this useful trade, made during that year the first piece of tin foil produced in America. He carried on the business till 1880, when it was duly incorporated under the laws of New York, with a paid-up capital of \$500,000. The following gentlemen are the officers, viz.: John J. Crooke, President; Robert Crooke, Treasurer; Charles C. Emmott, Secretary. The premises occupied for manufacturing purposes comprise three spacious buildings, which are admirably equipped with all the latest improved machinery, apparatus, and appliances known to the trade. Much of the machinery utilized was invented by Mr. J. J. Crooke, and is peculiarly adapted for the purposes for which it is employed. Two hundred experienced workmen are employed, and the machinery is driven by two powerful steam engines. The company manufactures extensively all kinds of plain, colored, and embossed tin foil, silver-surface foil, and metallic capsules, plain and colored. These goods are everywhere recognized and appreciated by the trade as standard productions, while the prices quoted for them are exceedingly moderate. Some of the silver-surface foil patterns of the firm are unsurpassed in beauty by the most elegant silks, and only require to be seen to be admired. The trade of the company extends throughout all sections of the United States, while large quantities of these splendid capsules and tin foil are exported to Canada, Mexico, the West Indies, Central and South America.

AERICAN WATCHMAN'S TIME DETECTORS, No. 234 Broadway; J. S. Morse, Superintendent.—In many establishments insurance companies demand some sort of a watchman's service to know that the property is guarded at night, and to render it certain that the watchman actually attends to his duties. A watchman's time detector is required to register the time he makes his visits to the various parts of the premises. The most approved system now known, and one which is being adopted in the majority of the large establishments, is the American Watchman's Time Detector, the offices of the company being located at No. 234 Broadway, opposite the Post Office. This instrument has become perfected by years of experience where it has had the most severe tests, and has been adapted to meet the demands made for a time detector which should be absolutely proof against being tampered with by the night watchman. The business of electrical time detectors was almost nothing, when six years ago, Mr. J. S. Morse opened the office in this city at No. 31 Astor House, but the business has developed until to-day it is recognized by insurance men as being the most perfect system, and is also recognized by those who employ night watchmen as being the superior device, and there are fully ten times as many of these instruments in successful operation now as all other electrical instruments combined. The mechanical schemes

guarantee to do all that is claimed for it, and is not paid for until entirely satisfactory. The peculiar responsibility of the watchman is such that if he does not attend to his duty there is no one to look after the property; whereas, in the day-time, if an employee neglected his duty, it would be impossible for such a risk to be incurred. If it is possible to use a time detector which will absolutely prevent his making his records without being there, it is certain that it will, to a great extent, do away with night fires, and up to the present time there is no record of an establishment burning up when in the hands of the watchman where this system is employed. But if the system is one which he is able to open and prick the record at once, and sleep all night, or if he is able to duplicate each of the various keys that hang through the premises, and so sit in any one place and make the record, or carry the clock out of the place and still have his record appear correct in the morning, or if he can, in any way, defeat the clock and appear to do the work without actually doing it, it is absolutely unsafe to rely upon such a system. It does not answer the question to say that a given watchman is honest and would not tamper with his clock. The question is, "Can a man whether honest or not, tamper with the clock now in use?" If he can, or if he is allowed to carry a clock, which may be, and has been, tampered with in many places hundreds of times, is it not



for detecting the movements of night watchmen are being rapidly displaced, and it certainly combines all the necessary features for a watchman's time detector, at less expense than any other system at whatever price. The American Watchman's Time Detector is designed to keep an exact record of the doings of the night watchman in any establishment where it is used. The instrument, closed with a security lock, is placed in the office and connected with insulated wires to the key buttons placed in different parts of the premises, where the watchman is required to pass. On his rounds the watchman presses each button in turn. This is instantly recorded by the instrument in the office, showing where each watchman is and when he is at each station. The record is made on a paper dial twelve inches in diameter, which revolves on time by a clock movement. The record is made by needles, each punching a hole through the dial, and each can be operated from one point only. If the station is visited, a record is made; if it is not visited, no record is made. A new dial is put on every morning so that the daily record is kept of the doings of the night watchman. Any number of stations may be connected to a single instrument and from any distance, and for any number of watchmen. One dial keeps the whole record. The system is put up upon

manifestly dangerous to depend upon such a system? And the question is not whether he does, but whether he may, if he is so inclined. The American Watchman's Time Detector is in use in hundreds of different institutions and manufacturing establishments throughout the country and in this city, including the Hoffman House, Windsor, Murray Hill, Buckingham, Brevoort, Gilsey, Victoria, and most of the other hotels, numerous clubs and safe deposit companies, Marvin's Safe Works, and many others. Although the specialty is electrical time detectors for night watchmen, electrical time dials and fine office regulators are often a part of the system in fitting up large establishments, and these instruments in the various forms are to be seen at the office of the company, at No. 234 Broadway, opposite the Post Office. As this is the only concern in existence devoted exclusively to the business, and with their guarantee of satisfaction in every case and a very economical price, it is but natural that they should put in ten times as many instruments as all others combined. As Mr. Morse has personally sold more time detectors than any two men in the business, he feels perfectly conversant with all the instruments and apparatus for that purpose, and is pleased to exhibit, not only the American watchman's time detector, but every other kind of time detector.

RICHARDS & HARTLEY GLASS COMPANY AND CHAL-LINOR, TAYLOR & CO. (Ltd.), Glassware Manufacturers, No. 24 Park Place.—These two well-known houses, who occupy the store at above number jointly as a salesroom, in charge of Mr. D. R. Marshall, where full lines of their samples are displayed, are among the most wide-awake and enterprising of American manufacturers. Their trade covers the whole of the United States and Canada, and they also do a large export trade to Central and South America, Mexico, the West Indies, Australia, and other countries. They make crystal, colored and decorated table glassware, in stylish and taking designs, and of unusual brilliancy of color; a fine line of shades, decorated and plain; lamps, chimneys of superior quality, bar and perfumery ware,—all in great variety, and including many specialties and fancy articles for which there is a large popular demand from the trade, and are constantly adding attractive new goods to their assortment. Their factories are located at Tarentum, Pa., where their furnaces are supplied with natural gas from their own wells; and they have every possible facility for the economical production of goods of the very best quality and finish.

H. A. VONNEIDSCHUTZ, Book and Job Printer, Nos. 3 and 5 Coenties Slip.—A department of industry which has been developed to a high plane of perfection in this city, and which has many worthy exponents, is that of printing, and the many establishments engaged in this line have done much and are doing much to advance the material interests of the community. One of the deservedly successful houses of the kind is that conducted by Mr. H. A. Vonneidschutz at Nos. 3 and 5 Coenties Slip, and which bears a high reputation among its contemporaries and with the public. The business was inaugurated in 1870 by the present proprietor, who is a thoroughly practical expert, skilled in all the branches of his trade, and under his vigorous management a success was won from the outset, while a steadily increasing patronage was developed, which subsequent years has but seen augmented and become more influential. The commodious premises used for the purposes of the business are equipped in the most complete style with all mechanical appliances requisite, four fine modern printing-presses, type of every description, etc., and employment is afforded a force of experienced printers. The presses are operated by the Gaff electric motor, and the range of work includes printing of all kinds, cards, envelopes, circulars, letter-heads, bill-heads, pamphlets, books, dodgers, legal and custom-house blanks, programmes and society work, labels, price-lists, and general commercial work of every variety. Engraving in all its branches is also given careful attention, the most artistic results being attained, while all orders are executed promptly and at the most reasonable prices. Though born in Europe, Mr. Vonneidschutz has for the past forty years been a resident of New York, and has during that entire time borne an excellent reputation, and proved a most worthy and desirable citizen.

WEHNCHE & CO., Commission and Shipping Merchants, No. 42 Beaver Street.—Beaver Street commission and shipping merchants are known the world over, and that part of New York is the centre for the trade of the largest houses in this line in the country. None of the houses are more worthy of mention than that of Messrs. Wehncke & Co. Established ten years ago by the present proprietor, Mr. Ernest Wehncke has by his industry and probity raised the house to a rank second to none. Mr. Wehncke conducts a general commission and shipping business, and handles merchandise of every description, foreign and domestic. He ships American products to foreign markets, and there through agents disposes of them on the part of his clients; and he also buys all kinds of merchandise on commission through the same channels and ships them to America. His transactions keep him in constant communication with all parts of the civilized world. His cable address is "Wehncke." Mr. Wehncke was born in Europe, and is a resident of Staten Island.

GEO. H. RENAUD (E. B. RENAUD, Successor), Foreign and Domestic Fruits, No. 99 Barclay Street.—The business of this concern was started in New York in 1851 by Geo. H. Renaud, who died in 1886, but is continued under the original title by his widow, Mrs. E. B. Renaud, who has for general manager Geo. H. Renaud, son of the proprietor. The firm occupy the store and basement, which has a frontage of 25 feet, and a depth of 100 feet. A large and extensive stock of all foreign and domestic fruits is carried,

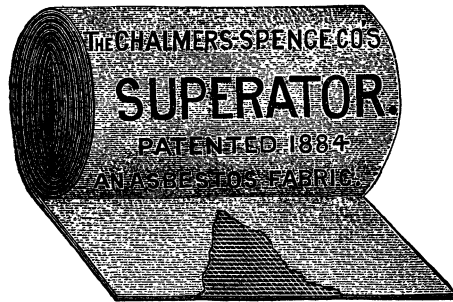
and the extent of their trade reaches to the limits of the United States. In the store a stock of tropical fruits is carried that cannot be surpassed anywhere, figs from Turkey, grapes from Spain, dates from Arabia, nuts from Brazil, bananas from the West Indies, arranged in piles or suspended from the ceiling. A specialty is made of fancy grapes, Jamaica oranges, and Mediterranean oranges and lemons. The domestic line is in keeping with the foreign, and the entire display is one that must be seen to be appreciated. There is no establishment of the kind in the city that maintains a higher standing in the trade, and few if any receive a larger measure of merited recognition. The present proprietress is a native of Connecticut, and with the able assistance of the energetic manager, Geo. H. Renaud, the standard of the house is being kept very high. The house is noted for being upright and honorable in their dealings, and withal to have push and enterprise; their prosperity is due to energy and ability well directed. Fruits are received from all parts of the world, and distributed to every available market in the United States, and the order and system with which it is done is under the guiding hand and eye of the manager, who sees to everything. Mr. Renaud was born in New York, and shows it. His business training and education was at the right school; he is quick as a flash to drive a good bargain, and never lets a customer go to buy elsewhere, even if he can only get his own money. He does not believe in carrying his stock too long, and turns it over as often if not oftener than any other dealer in his line in the city. Personally he is a man of culture and good social standing, and from a business standpoint is popular in commercial and financial circles.

DAWSON & CO., Artistic Picture Frames, No. 15 East Seventeenth Street.—Few branches of industrial art have had so marked an effect on contributing to domestic refinement as that which has busied itself with the production of artistic picture-frames, in which to encase the works of the painter, engraver, and etcher. A progressive firm in New York City engaged in this artistic business is that of Messrs. Dawson & Co., of No. 15 East Seventeenth Street, near Union Square. The firm consists of James and William A. Dawson, father and son; they have been established in New York under the present firm-name for three years. The senior member of the firm, Mr. James Dawson, has been in this business since 1857, and is thoroughly conversant with every branch and detail of the business. This firm prides itself on the superior quality, fine workmanship, and general artistic excellence of the work done by them; and among the trade it is an unquestioned fact that there is no finer work done in New York than that done by Dawson & Co., and their prices are extremely moderate. The Messrs. Dawson make a specialty of the cleaning and restoring of oil-paintings, old engravings, prints, etc.; and among the work done in this line by them was the gallery of portraits owned by the New York Chamber of Commerce, which was cleaned and restored by Dawson & Co. some three years ago. The Messrs. Dawson are the inventors of the Dawson ivory enamel, intended for picture-frames, pianos, cabinet-work, fine furniture, and interior decorations. It is a coating, hard like ivory, and of much the same appearance; it does not crack or scratch, and it is impossible to grind dirt into it, as it has a surface like glass; it is made of any tint or color. It is something that architects and decorators have been looking for for some time and Messrs. Dawson & Co., will no doubt make a great deal of money with it, as soon as they introduce it to the trade.

SAMUEL MCCAIN & SON, Embossers and Manufacturers of Book Covers, Sample Cards, etc., No. 15 Spruce Street.—As embossers and manufacturers of book covers, sample cards, etc., cloth and leather work in all styles, Messrs. McCain & Son have achieved a national reputation. Mr. Samuel McCain, a native New Yorker founded the business in 1858, and early became noted for his meeting the exacting requirements of the leading book-binders and publishers of the metropolis. His trade steadily enlarged, and in 1875 he removed to his present premises. In 1886 his son, Mr. J. S. McCain was admitted into copartnership bringing to bear marked skill and practical experience. The firm have introduced the latest-improved machinery and appliances into their shop, which is run by steam power, and employ a number of skilful hands in the work of embossing and manufacturing the highest class of book covers, sample cards, plaques, etc. Fine gilding on satin and heavy ink work are specialties, while this is headquarters for first-class cloth and leather work in all styles and the most artistic original designs will receive justice here.



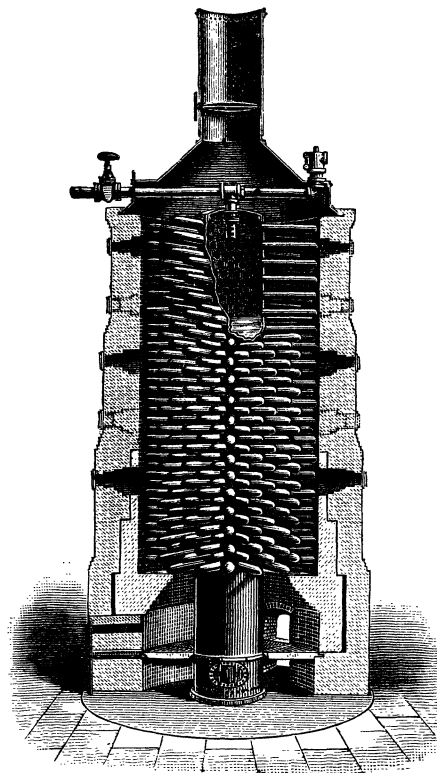
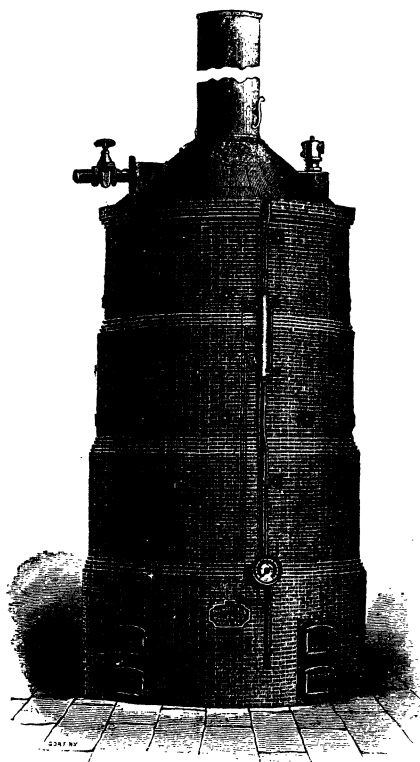
THE CHALMERS-SPENCE COMPANY, Asbestos; Works and Main Offices Nos. 419-425 Eighth Street, East River.—Until within the last quarter of a century, "Asbestos," which has now proved so invaluable as being indestructible by fire and acids, was almost totally unknown, except to chemists and to a few others, who were happily possessed of more than an ordinary knowledge of the subtle sciences. Asbestos possesses fibres resembling flax or silk, and by the use of suitable machinery can be reduced into a fine-corded fibre suitable for spinning and textile purposes. It is invaluable for fire-proof packing, mill-board, sheathing cement, etc. In connection with these remarks, special reference is made in this commercial review of New York to the reliable and representative Chalmers-Spence Company, whose works and main offices are located at Nos. 419-425 Eighth Street, East River. The company has likewise branches at Philadelphia, Chicago, Boston, Pittsburg, etc. This business was established in 1868, and eventually was duly incorporated under the laws of New York, as The Chalmers-Spence Company. The following gentlemen, who are widely and favorably known for their just methods, skill, and enterprise, are the officers, viz., R. H. Martin, president; Ch. H. Van Nostrandt, secretary; Geo. E. Weed, treasurer. The factory is a superior and substantial five-story building, 100x150 feet in area. It is admirably equipped with all the latest improved machinery, apparatus, and appliances necessary for the successful prosecution of the business. One hundred experienced operatives are employed in the various departments, and the machinery is driven by a powerful steam-engine. The company manufactures extensively asbestos non-conducting coverings, braided packing, mill-board, lubricated packing, asbestos cloth, gaskets, yarn, retort cement and asbestos fibre; also fire felt, patent removable coverings, and "Superator" fabrics. The non conducting coverings manufac-



tured by this responsible company have long been known as the standard coverings for all classes of work. This reputation has only been achieved and maintained by the constant introduction of improvements in the way of better and more fire-proof materials, constructed likewise with a view to increased convenience in handling, and greater durability in use. The company's latest improvement in the form of sectional coverings is made entirely from asbestos fibre, no other ingredient being used. The company has likewise lately introduced something entirely novel in the form of an asbestos jacket for protecting non-conducting coverings. It is fire and water proof, and can be used anywhere. Their other asbestos goods are unsurpassed in quality, utility, reliability, and excellence, and are furnished at the lowest market rates. Persons requiring anything in asbestos are invited to correspond with the company, which will furnish promptly estimates and full information. The trade of the Chalmers-Spence Company extends throughout all sections of the United States and Canada, and is steadily increasing, owing to the superiority and quality of its productions, which have no superiors in America or Europe.

YOUNG & BRYANS, Wholesale Dealers in Boots, Shoes, and Slippers, Nos. 84 and 86 Reade Street, corner of Church Street.—The boot and shoe industry of the United States is one whose magnitude is scarcely understood except by those engaged in or connected with it. Vast amounts of capital and many thousand persons are engaged in it, and, as in all other commodities, New York is the great centre for the trade. One of the youngest houses connected with the wholesale department of the trade is that of Messrs. Young & Bryans, whose establishment is located on the corner of Reade and Church Streets. The copartners in this enterprise are Messrs. William J. Young and A. K. Bryans, who organized their partnership and business in 1887. The former is a native of New York and the latter of Pennsylvania, and both brought to their enterprise an experience covering a period of over twenty years in the trade. They occupy one floor, 50x75 feet in dimensions, and this is finely fitted up, and stocked with a full and complete assortment of goods of the finest and choicest quality, selected with great care and excellent judgment from the best products of the leading boot, shoe, and slipper factories in the country. The firm, during the time they have been in business, have established a large and widespread trade, and one involving the permanent employment of many assistants in the store in receiving goods and shipping orders. The firm have on the road a corps of traveling salesmen, who are at work in all sections of the country. Dealers everywhere can always rely upon obtaining through this house the latest novelties in foot-wear of every description, and of a quality and at a price not easily duplicated elsewhere. The members of this firm are quickly forcing their way into the front rank of our most substantial and representative merchants. A trial will convince the most skeptically inclined in regard to this firm's proficiency in every detail pertaining to the business, and the public can rest assured of receiving square treatment and the most satisfactory results in all their transactions with this enterprising house.

EDWIN CHILDS, Windsor Livery Stables, Nos. 105 and 107 West Forty-ninth Street.—One of the largest and most popular stables in the city is that known as the "Windsor," owned and conducted by Mr. Edwin Childs, the premises having an area of 25x50 feet, and consisting of a four-story substantial brick building complete in all its appointments, fitted up with modern improvements, well-lighted and ventilated, affording first-class accommodations for many carriages and about fifty head of horses. Careful stablemen and grooms only are employed, who are under the immediate direction of Mr. Childs. The equipages furnished by Mr. Childs are stylish and fashionable, and families, social and theatre parties, weddings, pleasure parties, and funerals receive every attention. The rates of charges will be found very reasonable, and for the benefit of the public we give a list of prices for the hire of coupés and coaches respectively: Shopping or calling, \$1, \$1.50; to and from theatre, above Twenty-second Street, \$3, \$3; to and from theatre below Twenty-second Street, \$3, \$4; to and from parties above Twenty-second Street, \$2, \$3; to and from parties below Twenty-second Street, \$3, \$4; to and from parties after 1 a. m. \$3, \$4; waiting for supper, extra \$1; around Central Park, \$3, \$4; McComb's Dam, \$5, \$6; Judge Smith's and High Bridge, \$6, \$8; Riverside Drive, \$5, \$6; Twenty-third Street ferry, \$1.25, \$1.50; Desbrosses Street ferry \$1.50, \$2.50; Chambers, Liberty, and South ferry, \$2, \$3. Unsurpassed facilities are provided at the "Windsor" stables for boarding horses, and Mr. Childs has in his charge many valuable animals belonging to our best citizens. Born in England, Mr. Childs arrived in New York about fifteen years ago and established the livery business on First Street, near Sixth Avenue, where he remained until 1884, when he removed to the commodious, well-fitted-up premises now occupied. He is very popular and highly regarded for his many amiable qualities and courtesy.



THE HAZELTON BOILER COMPANY, Proprietors and Manufacturers of Stationary, Portable, and Marine Boilers; General Office, No. 716 East Thirteenth Street.—The annually increasing demand for steam-power in the United States necessitates correspondingly extensive facilities for the construction of steam-boilers, and also for their improvement. In this connection we desire to make special reference in this review of the industries and commerce of New York to the representative and successful Hazelton Boiler Company, manufacturers of stationary, portable, and marine boilers, whose offices and works are located on East Thirteenth Street. The company have likewise a branch office at No. 145 Broadway, and are represented by the following firms: Rankin, Brayton & Co., proprietors of Pacific Iron Works, No. 127 First Street, San Francisco, Cal., sole manufacturers for the Pacific coast, British Columbia, and west coast of Mexico; Bartlett, Hayward & Co., general agents, office corner German and Calvert Streets, Baltimore, Md.; George M. Newhall & Bro., general agents, office at Southwark Foundry, Fifth and Washington Avenue, Philadelphia, Pa.; J. J. De Kinder, sole agent for Philadelphia, office No. 51 North Seventh Street, Philadelphia, Pa.; Brown & Stewart, No. 25 Lawrence Street, Newark, N. J. This business was established by the Hazelton Boiler Company in 1884, since which period it has secured a liberal and influential patronage in all sections of the United States, Canada, and Mexico; owing to the superiority, quality, reliability, and excellence of its steam-boilers. They are now at work in the following establishments: The National Tube Works Co., McKeesport, Pa.; The Phoenix Iron Co., Phoenixville, Pa.; The Lambertville Rubber Co., Lambertville, N. J.; The New Howe Mfg. Co., Bridgeport, Conn.; The Jersey City Steel Co., Jersey City, N. J.; The Consolidated Gas Co., Baltimore, Md.; The North Branch Steel Co., Danville, Pa.; The Firm of John Matthews, New York; The Hadley Co., Holyoke, Mass.; The Ashtabula Water Works Co., Ashtabula, Ohio; Messrs. Parker, Stearns & Sutton, New York; The St. Paul Gaslight Co., St. Paul, Minn.; The Municipal Gaslight Co., Albany, N. Y.; The Barney & Smith Mfg. Co., Dayton, Ohio; The Howard Patent Metallic Brush Co., Reading, Mass.; Messrs. Henry Disston & Sons, Tacony, Pa.; and many others. The company's works are fully equipped with all modern appliances, tools, and machinery, while employment is given in the

various departments to a considerable force of skilled workmen. The Hazelton Boiler Company are sole proprietors of that type of water-tube boiler frequently called "the Porcupine boiler," which has been duly patented in the United States and foreign countries. The company is prepared to furnish plans of boilers of any desired capacity, also solicit inspection of those now in operation, and will forward proposals and any further information on application. In conclusion, we would observe that the affairs of this progressive company are placed in able and competent hands, and it worthily maintains a leading position in the manufacture of steam-boilers.

C. H. LUEDEKE, Wholesale and Commission Dealer in Butter, Cheese, and Eggs, Nos. 382 Greenwich and 647 Hudson Streets. —Among the solid and substantial concerns engaged in the wholesale and commission business in handling butter, cheese, and eggs, may be mentioned the popular and reliable house of C. H. Luedeke. No establishment of the kind in this vicinity maintains a higher reputation in the trade than this. The thriving and prosperous business was established in 1878 at No. 330 Greenwich Street, and from the start the patronage grew so steadily, that two years subsequently, in order to obtain more ample facilities to meet the requirements of the largely-increased trade, Mr. Luedeke found it necessary to open the second establishment at No. 647 Hudson Street, and has since conducted both with most gratifying success. He occupies for business purposes at both locations, a 25x70-foot first floor and basement, neatly kept and well ordered in every respect, and a heavy and prime stock is constantly carried, while several efficient assistants are employed in each, and altogether the trade, which extends throughout the city and suburbs, is large and substantial and grows apace. Mr. Luedeke sustains an excellent commercial standing, and also bears a very creditable war record, and is a popular and esteemed member of the G. A. R., Coltes Post 32, having served during the late rebellion, from 1861 to 1865, at the front, sharing the fortunes of the Fifth New York Volunteers for three months, and the Fifty-second New York Regiment the balance of the time (attached to the Army of the Potomac) and took active part in every battle in which the Second Army Corps was engaged throughout the entire war.

THEO. WILlich & CO., Manufacturers' Agents and Manufacturers and Importers of Druggists' Sundries, No. 133 William Street.—The production and wholesale handling of the multifarious articles comprehended under the general head of "Druggists' Sundries" constitute, as it is needless to observe, one of the most important departments of activity that contribute to the aggregate of industry, commerce, and trade in the metropolis at the present day. Engaged in this line New York, in the very nature of things, contains many noteworthy and flourishing firms, and among these may be mentioned the widely and favorably known firm of Theo. Willich & Co., manufacturers' agents and also manufacturers and importers of druggists' sundries, No. 133 William Street, between Fulton and John streets, and which, although a comparatively young concern, has already attained an excellent standing in the trade, while its connections, which extend throughout the entire country, are of a most substantial and gratifying character. This enterprising and prosperous firm was established in 1884, and at its very inception may be said to have bounded into prominence and public favor. Conducting the house on sound business principles, thoroughly conversant with the wants of the trade, and being withal men of foresight, energy, and judicious enterprise, the result could scarcely have been other than the unequivocal success they have achieved. The business premises are spacious and commodious, and a large staff is employed besides several efficient clerks, salesmen, and representatives on the road. A heavy and complete stock is constantly carried of general druggists' sundries, of both foreign and native production including lithographed labels, prescription blanks, etc. The firm also represent the Randolph Paper Box Company of Richmond, Va., manufacturers of plain and labelled pill and powder boxes; H. F. Miller of Baltimore, manufacturer of the celebrated seamless tin boxes and infallible adhesive; the Ware Manufacturing Company of Camden, N. J., manufacturers of suspensory bandages, and Gillam's Sons of Philadelphia, manufacturers of cork tops and embossed envelopes. The copartnership consists of Messrs. Theodore Willich and William Miller, both natives of Germany, but residents of this city many years. They are gentlemen of sterling qualities, as well as push and business ability, and are in fact abundantly endowed with all the attributes that bespeak success, as the large and flourishing trade they have established throughout the United States amply attests.

F. WESEL & CO., Manufacturers of and Dealers in all Kinds of Printers' Materials, No. 11 Spruce Street.—This is a noted headquarters for complete outfits for newspaper and job-printing offices, and general printers' supplies, including printing-presses, paper-cutters, and other valuable and recent inventions of machinery and appliances for printers' use. Mr. F. Wesel is a thoroughly practical man, and possesses an intimate knowledge of the manufacture of this class of materials. The store is occupied as a sample and store room, and the attic and four floors for manufacturing. The rooms are 25x100 feet each, and are at all times stocked to repletion with the latest improvements in presses and printers' supplies. The goods offered by this firm are highly esteemed by the printing fraternity everywhere for their practical utility, thorough durability, and general excellence. The facilities and advantages enjoyed by this house enable it to place its goods upon the market at prices which preclude successful competition and to offer such substantial inducements to their patrons that all business relations with the firm invariably prove pleasant, profitable, and lasting. The Messrs. Wesel are natives of Germany, highly regarded in commercial and trade circles for their sound business principles and strict integrity, and eminently popular with their host of patrons.

E. H. PROUDMAN, Manufacturer of Velvet, Plush, and Morocco Cases for Jewelry and Silverware, Jeweler's Cards, Tags, and Findings, No. 42 Maiden Lane.—Mr. E. H. Proudman is one of the most widely experienced and successful in his line, evincing excellent taste, sound judgment and superior executive abilities. He was born in Massachusetts, and received a thorough education in the College of the City of New York, graduating therefrom in 1885. On September 14 of the same year he opened his present establishment, and early evinced his superior qualifications for this important branch of skilled industry. Six months ago, in order to cope with his growing trade he removed to his present premises, so central to the jewelry trade, and where he employs a number of skilled hands in the manufacture of the finest class of velvet, plush, and morocco cases for jewelry and silverware. Only

the best materials are used; the design, trimming, finish, and workmanship are all of a superior character, and the cases are in demand by the leading jewelry and silverware houses of New York, as also throughout the country at large. Mr. Proudman is also a leading dealer in jeweler's cards, tags, and findings and trays of every description. A prominent specialty of his are the highest grades of velvet and morocco cases for diamond jewelry, and leading diamond mounters, etc., patronize him.

C. ATTELLE & DECKER (Successors to Leonard, Decker & Co.), Diamond Dealers and Manufacturing Jewelers, No. 20 Maiden Lane, Room 5.—An old-established and successful jewelry house is that conducted by Messrs. Cattelle & Decker at No. 20 Maiden Lane. The business of this concern was organized in 1862 and conducted until 1888 by Messrs. Leonard, Decker & Co., who were succeeded by the present proprietors, Messrs. W. R. Cattelle and W. L. Decker, who brought to the enterprise an extended experience in the trade, and who have fully sustained the high reputation gained for their house by their predecessors. Mr. Decker is a native of Brooklyn, and Mr. Cattelle, who was born in England, has resided in this city for a quarter of a century. The firm's premises are admirably adapted and appropriately fitted up for the business. The firm manufacture to order jewelry of every description for the trade, and they deal heavily at wholesale in diamonds and other precious stones, jewelry ornaments of all kinds, etc., making a specialty of fancy stones of every description, and their business relations extend to all parts of the country. They constantly carry a very extensive stock, and their facilities for promptly filling all orders at the lowest rates are of the most ample and complete character. The salesroom of the firm is conveniently arranged for the purposes of the business. The house is one of the most reputable in the trade, and a large patronage has been won by sheer merit.

C. WINKELMANN, Manufacturer of Wigs, etc., No. 10 Union Square.—One of the most popular among the successful well-known wig-makers in New York is Mr. Charles Winkelmann, who is admittedly proficient in the art, and has had an experience of twelve years. Mr. Winkelmann occupies neatly fitted-up apartments on the first floor of the large building in the easily accessible location at No. 10 Union Square, and has on sale a great variety of wigs, paints, powders, and all necessary articles of make-up, and also manufacturer of wigs to order. Mr. Winkelmann gives his personal attention to every department of his business, and to all orders. As a wig-maker he has a deservedly wide reputation. Mr. Winkelmann is perruquier to Mrs. Langtry, Miss Pauline Hall, and other professional beauties of the stage, to whom he confidently refers. A specialty is made of supplying everything in his business that may be required by amateur and masquerade parties at short notice. He has a large acquaintance among theatrical managers and actors, besides being the recognized perruquier in prominent amateur and theatrical circles. Mr. Winkelmann is doing a first-class substantial business, which he has established by his own enterprise and exertions, and well deserves the success he has won. Mr. Winkelmann is a German by birth, and came to this country in 1866. He has since then resided in New York City, and is very popular in the community as an upright, honorable business man and citizen.

S. HAYES, Decorative Painting and Paper Hangings, No. 69 West Thirty-fifth Street.—Of those who give particular attention to the decoration of interiors and to painting and paper-hanging there are none more popular in the business than Mr. S. Hayes, who has been established in it upwards of a quarter of a century. As a decorative artist and paper-hanger Mr. Hayes originates many beautiful, pleasing designs, and executes the work with marvelous skill. He also makes contracts and furnishes estimates for house and all kinds of painting, and employs from ten to thirty skilled artists and painters. A full assortment of paper-hangings in the new styles, in rich and elegant designs, and patterns in gold and beautiful combinations of colors, is always kept on sale, and orders for work receive prompt attention. The premises occupied by Mr. Hayes have a front of twenty-five feet with a depth of thirty-five feet, and every convenience is at hand for the purposes of the business. Mr. Hayes is a talented artistic designer and decorator, and maintains a high reputation.

PHILIP E. BOGERT, Stationer and Printer, No. 72 John Street.—One of the oldest established and most reliable stationery and printing houses in this section of the city is that of Mr. Philip E. Bogert, No. 72 John Street, which has been in existence for the past thirty-two years, and during this lengthy period has won an enviable rating in mercantile circles, and enjoys the patronage of many liberal and permanent customers. Mr. Bogert caters to the wholesale and retail trade, and leaves untried no worthy efforts to give the utmost satisfaction to all who establish business relations with him. Orders for printing of all kinds receive immediate attention, and the labor executed is guaranteed to be satisfactory. Mr. Bogert is a native of New York, and since 1848 has been engaged in the stationery business. He is highly esteemed by all with whom he has dealings, as an honorable and upright business man, and the extent and permanence of his trade increase each succeeding year. For nearly twenty years he occupied the old stand, known as Stationers' Hall, Nos. 174 and 176 Pearl Street, formerly occupied by David Felt, one of New York's oldest stationers, some fifty years ago. Mr. Bogert's principal trade is for the South and Central American Governments and Spanish export orders, as well as city trade.

PAPE & DEYO, Commission Merchants in Fruit and Produce, Nos. 859 and 861 Washington Street.—The well-known establishment of Messrs. Pape & Deyo is one of the leading houses in its line in the vicinity, and the members of the firm have a large acquaintance in the trade throughout the city. Mr. Charles Pape has had many years experience. In 1870 he established a successful grocery business. Four years later he founded the present house down town. In 1886 the firm name now used was adopted. Mr. W. C. Deyo is a practical business man with five years' experience in the commission line. The firm have been established six years in the present vicinity. The store and basement occupied are 50x80 feet in dimensions, and are fitted up in the most complete manner. A very large and fine stock is carried, and the trade of the house, which is exclusively wholesale, extends throughout New York and vicinity. From five to six hands are always employed. The firm deal in fruits and produce, butter, cheese, eggs, and poultry, and solicit consignments of anything and everything in their line. Patrons will always be dealt with in the fairest possible manner. Mr. Pape, who is a gentleman of middle age, was born in Germany. He came to this country twenty-two years ago. Mr. Deyo is a native of New York city, and is a young man of progressive methods.

NL. WILLIAMSON, Tailor and Importer, No. 907 Broadway.—Foremost among the city's old-established importing tailors comes the name of Mr. Williamson. He established himself in business, on University Place, as far back as 1856, but he has been in his present location for over four years. His parlor is on the second floor at above number, and its area is 20x20 feet. He gives employment to ten hands, and his trade extends to all parts of the State. He numbers among his patrons, politicians, clergymen, doctors, and lawyers, for some of whom he has been making clothes over a quarter of a century. His work has been so well and faithfully done that he to-day is doing a larger trade than ever before. He keeps pace with the times, importing the newest shades and designs. He keeps in the front rank of progress, giving a finish and style to the goods he turns out that can only be gained by experience and hard study. As a cutter and fitter he has few equals. Mr. Williamson was born in Onondaga Co., New York, but has lived in this city for upward of forty years. He has a wide and extended reputation among the old-established business men of this city. His business, his aim in life, has been to deal fairly by his fellow-man, and he has succeeded.

JESSE S. KEYS, Manufacturer of Wrapping Paper, etc., Nos. 73 and 75 Fulton Street.—Mr. Jesse S. Keys, manufacturer of printed wrapping paper, millinery bags, and folding paper boxes, embarked in this enterprise five years ago, and by able and spirited management has reared a business, which, with its continuous and prosperous growth, has attained to a leading place in the trade. The premises occupied for his purposes are comprised in a spacious floor, equipped in the most complete manner with steam-power machinery, including folding machines, fine cylinder printing presses, and all requisite mechanical appliances incidental to the industry. Employment is afforded twenty efficient

operatives, and the range of work embraces the manufacture of all kinds of printed wrapping paper, millinery and grocery bags, and every description of advertising novelties in folding paper boxes, as used by dealers in dry goods, gloves, ice-cream, confectionery, etc., all made in the most reliable manner. A very heavy stock is carried, including all kinds of manila, tissue, straw and tea papers, paper bags, twines, etc., and the resources of the house permit the proprietor to fill orders on the most favorable terms. Mr. Keys is a native of this city.

PROVIDENCE MANUFACTURING JEWELRY COMPANY, Factory, Providence, R. I.; New York Office, No. 176 Broadway.—The Providence Manufacturing Jewelry Company have had a factory in Providence, R. I., for the past twenty years, and for a like period have had headquarters at No. 176 Broadway, New York. From its inception to the present the concern has had a most successful career. Its trade connections have been extended to every section of the country. The founders and proprietors of the business are Messrs. J. Herzog and M. J. Ahrens, both energetic, practical jewelers of long experience. The former was born in Germany, and the latter in New York city. The firm's factory is spacious, and completely equipped with the latest-improved mechanical appliances, and many skilled workers in artistic jewelry are permanently employed. The firm manufacture gold, gold-plated, and amber jewelry of every description, a specialty being made of amber novelties, which have an artistic quality and individuality that gives them a high rank. The New York salesroom is finely fitted up, and contains a very fine collection of these attractive novelties. The firm stands high in trade circles, and are to be commended.

JB. ECKERT & CO., Dealer in Butter and Cheese, No. 169 Washington Market.—The business of Messrs. J. B. Eckert and Co., butter and cheese dealers, of No. 169 Washington Market, was originally founded in 1863 under the firm style of Crook & Eckert. In 1874 Mr. J. B. Eckert became the sole proprietor, and since November, 1887, he has conducted the enterprise under the style of J. B. Eckert & Co. During the business career of twenty-seven years the concern has enjoyed almost unexampled prosperity, having by industry and excellent management increased to its present extensive dimensions. The stock is large and complete, nothing but butter and cheese of the highest grades being dealt in. Mr. Eckert has been engaged in different positions in Washington Market since 1854, and is one of the best-known business men in this great food-trade centre. As an excellent judge of butter and cheese he is widely known in the trade, and his stock is at all times fresh and choice. His sales are both wholesale and retail. Particular attention is given to supplying ships, stores, hotels, and restaurants, as well as private families, and all orders are promptly and satisfactorily filled. A large and growing trade is done throughout the city and vicinity. Mr. Eckert is a native of New York State.

ERNEST FINCKEN & SON, Manhattan Steam Kindling-wood Yard, corner West Twenty-third Street and Eleventh Avenue. For twenty-three years this well-known and reliable Manhattan Wood Yard, conducted by the firm of E. Fincken & Son, has maintained an enduring hold on popular favor and confidence. This thriving enterprise was established in 1865 by Ernest Fincken (deceased), who conducted it up to 1880, when, owing to his death, which occurred at this period, the business passed into control of his sons and successors, John C. and Henry, who, under the style of E. Fincken & Son, have since continued it with uninterrupted success. The yard is 125x100 feet in area, and is supplied with ample steam power and the latest-improved machinery and general appurtenances, including a forty-horse-power engine, and some twenty-five hands are employed, while four or more capacious wagons are in steady service supplying customers. An extensive and carefully assorted stock of kindling and fire-wood of every description is carried constantly on hand, dry hickory for grates being a specialty, while families, hotels, etc., are supplied with Virginia pine, hickory, maple, and oak wood by the cargo, cord, load, or bundle, at lowest market prices, orders by mail or otherwise receiving immediate attention, and altogether the firm have a very large and flourishing trade, the patronage extending throughout the entire city. Messrs. John C. and Henry Fincken, the present proprietors, are both young men of push, enterprise, and ample experience.

JAMES VAN BUREN, Butcher, Nos. 53 and 54 Washington Market.—One of the oldest established and most highly esteemed of the wholesale and retail butchers doing business in Washington Market, is Mr. James Van Buren. It is now fifty-two years since he began business here, during which period he has witnessed many changes in his locality and in the city generally, among which is the supplanting of the old market building by the present handsome and extensive structure. To those who have been in the habit of frequenting this market, no one carrying on business in this busy emporium of food products is better known than Mr. James Van Buren, who controls a trade of considerable magnitude. Mr. Van Buren was born in New York seventy-one years ago, and has lived here all his life with the exception of four years, during which he was in Elizabeth, N. J. He is ably assisted in the management of the business by his son, Mr. James H. Van Buren. He occupies stalls 53 and 54, and on these most eligible stands is displayed at all times the most choice and wholesome beef, mutton, lamb, veal, etc., which are offered at prices not excelled by those of any competitor in the trade. His long experience enables him to bring to bear upon his enterprise superior judgment in the selection of supplies for his patrons, and no effort is spared to render the fullest satisfaction to customers, and goods are always sold at the lowest market prices. A specialty is made in supplying ships, hotels, restaurants, and private families, etc., and orders are promptly filled, goods being delivered free in any part of the city. The telephone call is "606 Murray Street." Mr. Van Buren has proved himself a thoroughly conscientious and honorable merchant, and he has won well deserved prominence in the trade.

MANHATTAN MILLS (James L. Arcularius, Prop.), Coffees, Teas, Spices, etc., No. 79 Warren Street.—Among the leading coffee, tea, and spice houses in the United States for upward of two generations the business at present conducted at 79 Warren Street by James L. Arcularius, under the title of the Manhattan Mills, has long held highest rank. The house was established about 1832 by S. B. Harper and Andrew M. Arcularius, and continued with various changes until 1866, when Vam & Arcularius succeeded, giving it the title of the Manhattan Mills, which it now enjoys. In 1872, Mr. Vam died, and the business has since been conducted under the able proprietorship of James L. Arcularius. From its original inception the house became well and favorably known to the trade in every State and Territory in the Union. A large three-story building, 25x75 feet in area, together with a commodious basement, is now occupied. The line of goods carried is very complete and general, embracing coffees, spices, mustards, cream tartar, saleratus, teas, black, white, and Cayenne pepper, mace, nutmegs, allspice, cinnamon, cloves, ginger, soda, etc. By keeping none but the purest and freshest stock, which is sold at the lowest prices permissible, and transacting the business after the most approved principles, the Manhattah Mills for almost half a century have been recognized as the leading house of its kind in the country, and always enjoyed a steady flow of popular patronage. The business is exclusively wholesale, and necessitates the employment of a large force. Mr. Arcularius, the present head of the house, is one of the most energetic of our modern progressive business men, and yet only in middle age has scored a decided success in mercantile affairs.

WH. LUDEMAN, Chronometer and Watchmaker, Nos. 41 and 43 Maiden Lane.—Among those who have acquired a metropolitan reputation for excellent work may be mentioned the name of Mr. W. H. Ludeman, the well-known chronometer and watch maker, who is by common consent one of the leading exponents of the art in this city. Mr. Ludeman, who is a native of New Orleans, but raised in New York since boyhood, is a thoroughly practical and expert workman, with some thirty odd years' experience in the exercise of his art. The premises occupied as shop and show-room are ample, well equipped, and neatly fitted up, and two competent assistants are employed also. Chronometers and watches of the most accurate and reliable character are made to order and kept in stock, a full and fine assortment being always carried; while the repairing and adjusting of complicated and delicate time-pieces of all kinds receive special attention, and key-winding watches are altered to stem-winders likewise, in the most superior and prompt manner; all work executed in this establishment being guaranteed to render the fullest satisfaction to patrons.

WALLACE NOWACKE, Manufacturer of Meerscham and Amber Goods, No. 104 Centre Street.—Meerscham and amber goods have ever held a high place in the public estimation, and the manufactures of Mr. Wallace Nowacke, of No. 104 Centre Street, opposite the Tombs, are among the most notable and attractive of this class of goods to be found in the city. Mr. Nowacke is a native of Germany, and came to New York to reside in 1859. He has had sixteen years' practical experience in the trade, and for three of these he has been in business on his own account at his present address, where he occupies finely appointed and thoroughly equipped premises, that are in every way admirably adapted for the business. Mr. Nowacke is assisted by five skilled and experienced artisans, and he is engaged in manufacturing new and striking novelties capable of being produced from meerscham and amber, either for use or ornament. Many of these goods are truly artistic, and Mr. Nowacke has proved himself a thorough master and expert in his calling. Special attention is given to the repairing, boiling, and mounting of pipes, and all repairs are executed in the neatest manner, at the lowest prices, and on the shortest notice.

TGETHINS & SONS, Commission Dealers in Country Produce of all kinds, No. 833 Washington Street.—This house dates its existence from 1861, when it was founded by Brann & Gethins, who continued it until 1870, and were succeeded by Gethins & Farrell, who conducted it until 1883, when the present firm, composed of Mr. T. Gethins and his sons John and James Gethins was formed. For storage and business purposes the firm have every facility and convenience, and occupy commodious premises, having an area of 25x80 feet, and command a large first-class trade. Consignments are received daily from the States of New York, New Jersey, and the West of all kinds of country produce, embracing choice domestic fruits, vegetables, and general garden products. Shipping orders receive the prompt attention of the firm, and all transactions are conducted in the most satisfactory manner. Mr. Gethins, who is a native of Ireland, came to New York more than thirty-five years ago, and has during his long residence in the city become thoroughly identified with the business and local affairs of the metropolis. His sons and copartners, Mr. John and Mr. James Gethins, are both New Yorkers by birth, and possess those qualities that have proven the secret to their father's success.

THENLEY, Carpenter and Builder, No. 47 Ann Street.—Among those who have made a name and reputation for reliability and skill in the lower portion of the city may be mentioned T. Henley, the well-known and popular carpenter and builder, who ranks among the foremost in the business in this vicinity, while his patronage is large and prosperous. Mr. Henley was born in England, but has lived in New York for over twenty years. He is a practical and skilful workman himself, with nearly forty years' experience in the exercise of his art, and is thoroughly familiar with the same in its every feature and detail. In 1871 he embarked in business on his own account, and soon won his way to recognition and favor by the general excellence and reliability of his work. The shop which occupies a 25x80-foot (third) floor, is equipped with ample and complete facilities, and some 8 or 10 first-class mechanics are in service. Carpentering and building contracts of all kinds are executed in the most prompt and superior manner, at reasonable rates; and general jobbing likewise is promptly attended to, special attention being devoted to the fitting up of stores and offices, which is done with neatness and dispatch, while packing-boxes also are furnished at short notice.

JOHAN H. BOSCHEN, Dealer in Butter and Cheese, No. 128 Washington Market.—Mr. Boschén founded his business fifteen years ago, and by following in the course of honorable and upright dealing which he had mapped out he has from the beginning enjoyed a steadily prosperous patronage. The commodious stall is attractively appointed, and provided with every appliance and convenience requisite for the systematic prosecution of the enterprise, while a large stock is always to be found kept on hand here. Securing his supplies from the most responsible sources of production, Mr. Boschén can always be depended upon to furnish the choicest dairy and creamery butter and the finest quality cheese obtainable in the market. Mr. Boschén is a native of Germany, and has resided in the city for the past twenty-four years.



JOHN B. WATKINS, Steam Printer and Manufacturing Stationer, No. 213 Pearl Street.—The ably conducted and flourishing concern of Mr. John B. Watkins, the popular printer and stationer, is one of the best equipped establishments in his line in this section of the city. The enterprise was founded seven years ago, and it quickly took a front rank in the trade. The premises occupied comprise two floors, each 25x100 feet in dimensions, and the establishment is elegantly fitted up throughout. The steam-power presses are of the latest improved and most efficient character; the types are varied, of the newest designs, and adapted to all classes of typography; and all the accessories to be found in a first-class, well-regulated printing-office are here at command, and he is assisted by from fourteen to twenty skilled operatives. Every description of printing, from a small card to a book, is executed in the highest style of the art. Mr. Watkins also makes to order blank-books of all kinds, and keeps constantly on hand a full and complete assortment of stationery goods. All orders are given immediate attention, and the telephone call is "155 John." Mr. Watkins was born in this city thirty-two years ago, and has won success by deserving it.

STARLIGHT BROS., Manufacturers of Fine Havana Cigars, No. 230 Pearl Street.—From comparatively inconsiderable proportions the cigar industry has grown to vast magnitude in New York during the past quarter of a century; and it may be added also, the improvement made in the general character of the products within the period mentioned has been equally marked, especially in the finer grades of cigars. Among the other metropolitan firms whose productions in this line have gained a well-merited reputation for superior quality may be named that of Starlight Bros., proprietors of the La Rosa de Paris Cigar Factory, manufacturers of and wholesale dealers in fine Havana cigars, whose commodious and well-equipped establishment is located at No. 230 Pearl Street, and whose goods have long maintained an enduring hold on popular favor throughout the country, owing to the uniformly high standard of excellence at which the same are kept up. The articles turned out in this well-known concern are noted for their choice flavor, reliable stock, make, and uniformity in smoking, and, as a consequence, are in wide and increasing demand in the trade all over the United States. This enterprising and prosperous firm was established about fifteen years ago, and from the start has steadily grown in popular favor and patronage, their business extending and increasing annually, until now it is of a most substantial and desirable character. The factory and salesroom occupy the three upper floors of a 25x100-foot structure, and are supplied with ample and complete facilities pertaining to every department of the industry, while employment is afforded to upwards of 100 expert Cuban cigar-makers. Fine hand-made Havana cigars exclusively are manufactured; the proprietors, who are themselves thoroughly and practically conversant with every feature and detail of the business (the senior member of the firm, Marks Starlight, having been foreman for five years in London and six in one of the leading factories in Havana), exercising close personal supervision over the various stages incidental to cigar-making, from selecting the leaf to packing the products; and a heavy and A1 stock is carried constantly on hand to meet the requirements of the trade, all orders being expeditiously and satisfactorily executed in this reliable establishment. Messrs. Marks and Emanuel Starlight, who are natives of Austria, but residents of this city many years, are both full of push and energy, and well merit the large measure of success they have attained, much of which should be credited to the energetic and

enterprising representative salesman, T. H. Keller, whose popularity in the eastern section contributes considerably to the large trade of the firm in that section.

MARCUS HANAN, Manufacturer and Designer of Shoe Dies and Patterns, etc., No. 65 Park Street.—A branch of trade of a very meritorious character in New York is the manufacture of shoe dies and patterns. A prominent and old-established house engaged in this useful industry is that of Mr. Marcus Hanan, whose office and workshops are located at No. 65 Park Street. This business was established by the present proprietor in 1860, since which period he has secured an influential, extensive, and permanent patronage in all sections of the country. The premises occupied comprise two spacious floors 20x100 feet in dimensions. The workshops are fully supplied with all modern tools, appliances, and machinery known to the trade. Twenty skilled and experienced mechanics are employed, and the machinery is driven by steam-power. Mr. Hanan manufactures and designs leather, cloth, and paper-cutting dies for boots and shoes, paper collars, envelopes, suspenders, labels, harness work, etc. He also produces presses, punches, and dies, and rotary cutters, knives, etc., for all purposes; also zinc, iron, and brass-edge patterns for shoes, shirts, corsets, etc. Splitting and veneer knives are made to order and ground; also, blocks and raw-hide mallets are manufactured in the best possible manner. All the specialties and dies manufactured by this reliable house are unrivalled for utility, reliability, and efficiency, and have no superiors in this country or Europe, while the prices quoted for them are exceedingly moderate. The proprietor was awarded a medal at the Centennial, Philadelphia, for the superiority of his dies and patterns, over all competitors. Mr. Hanan was born in Ireland, but was brought up in the United States. He is highly regarded in manufacturing and business circles for his mechanical ability, skill, and integrity, justly meriting the large measure of success achieved by his industry and energy.

JOHN M. SCHMIDT, Bookbinding, etc., No. 47 Maiden Lane.—Prominent among the representative proprietors of binderies in the metropolis is Mr. John M. Schmidt. This business was established in 1848 by Mr. J. E. Schmidt, the father of the present proprietor. In 1877, Mr. Schmidt died after a long, successful, and honorable career, and was succeeded by his son, Mr. John M. Schmidt, who has since greatly extended and increased the patronage. The premises occupied comprise three floors, 25x80 feet in area. The equipment of the folding, trimming, sewing, stamping, and other necessary machines is complete, enabling Mr. Schmidt to execute in a very superior manner the largest contracts. Sixty experienced bookbinders, operatives, etc., are employed, and the machinery is driven by steam power. In addition to bookbinding, Mr. Schmidt attends carefully to map-mounting and map-coloring. He likewise binds in any style, according to customers' directions, insurance and other maps, law cases, books, music, etc. Particular attention is given also to the binding of books and pamphlets with flexible or spring backs, which allows the leaves to lie perfectly flat wherever opened. The map-coloring department of this responsible and popular house is under the supervision of Mr. Otto Limberg, who has had great experience, and possesses superior ability in this beautiful art. Mr. Schmidt was born in New York. He has had twenty-four years' experience in the trade. The trade of this house now extends throughout all sections of the United States.

F. MIRANDA & CO., Importers of Havana Leaf Tobacco and Cigars, No. 222 Pearl Street.—An old-established and widely known house in the city is that of F. Miranda & Co., importers of Havana leaf tobacco and cigars, which for an odd quarter of a century has maintained an excellent standing in the trade. This stable and reliable house (which is a branch of the main establishment in Havana, sixty-eight years in existence) was founded in 1863 by Felix Miranda, brother of the present senior member, and by him the business was conducted up to 1880, when the firm of F. Miranda & Co., composed of Messrs. F. Miranda and J. Campano, was organized. They occupy spacious and commodious quarters, and handle fine Havana leaf tobacco and clear Havana cigars exclusively, selling principally to jobbers. A heavy and A1 stock is carried constantly on hand, while several efficient assistants are in attendance, and the trade of the firm, which extends all over the United States, is very large. Mr. Miranda, who is a gentleman of forty years, and a brother of the founder of the original house in Havana, was born in Spain, and resides in Havana; while Mr. Campano, who is a young man of thirty-five, and of Spanish birth also, has resided in this country since 1870, and is the resident partner, having been with the establishment about fifteen years.

M. A. WILSON, Fish Dealer, Nos. 300 and 303 Washington Fish Market.—One of the oldest establishments engaged in this line, and one that has done much to advance the trade to its present high status, is that conducted by Mr. M. A. Wilson. This concern has been in continuous existence over a half-century. It was originally founded by Mr. Jerome Burrows, and was carried on under his able management until 1874, when Mr. M. A. Wilson became his partner, and under their joint control the enterprise was continued until 1887, when Mr. Wilson succeeded to the entire control. This gentleman has been actively engaged in the market for the last twenty-five years, is thoroughly acquainted with every phase of the fish trade, and knows well how to best meet the requirements of the public in this line. His premises, which are fitted up in the most systematic order, at all times contain a heavy stock of fresh fish of every description, also green turtles, shedder and soft crabs, sand-worms, live shrimps and clams, and fish bait of all kinds; also the purest cod-liver oil. Both a wholesale and retail demand is supplied, and orders are filled on the most advantageous terms. Mr. Wilson is a native of New York, and is an active member of the Royal Arcanum.

W. KOVEN, Stamper for the Trade, No. 18 Spruce Street.—In his line of trade Mr. W. Koven is admittedly one of the most skilled and experienced men in the city. He has been forty years connected with the trade, and for the past twelve years has been in business on his own account. He occupies the first floor of the building No. 18 Spruce Street, and this has an area of 25x60 feet in dimensions, is appropriately fitted up for the business, and is provided with steam-power machinery of the latest improved kind. Mr. Koven is a general stamper for the trade, and is prompt in the execution of all orders for gilding, embossing, and lettering on velvet, silk, labels, badges, wood, and paper. Bookbinders' stamping forms a specialty of the house. Twelve hands and six stamping-machines are kept constantly at work, and orders are executed with dispatch and satisfactorily. A large trade is done in the city and vicinity. Mr. Koven, who is a native of Germany, has resided in this city since 1849. He is a member of the firm of Hope, Koven & Co., manufacturers of boilers.

W. H. ROY & CO., Merchant Tailors, No. 118 Nassau Street.—A firm that has established a well-merited reputation for first class work is that of W. H. Roy & Co., merchant tailors, who rank among the foremost engaged in the tailoring art in this vicinity. This pushing and popular firm was established about six years ago, and from the start they have enjoyed a very gratifying patronage. They occupy ample and well-ordered quarters, and carry always on hand a complete and A1 assortment of fashionable suitings in imported and domestic woolsens and worsteds, including the newest styles and patterns in cassimeres, checks, cloths, serges, chevots, corkscrews, diagonals, plaids, stripes, etc., while eight or ten first-class workmen are employed. The garments leaving this reliable establishment are excellent in every particular, alike in cut, fit, finish, and fabric. The firm is composed of Messrs. Wm. H. Roy and Thos. H. Graham, New-Yorkers by birth.

D. AVID CLARK, House, Ship, Yacht, and Steamboat Painter, No. 256 South Street.—One of the oldest and most popular exponents of the painting business in New York is Mr. David Clark, the well-known house, ship, yacht, and steamboat painter. This enterprise was originally established in 1851, by Messrs. Clegg, Graham & Co., Mr. Clark being admitted as a partner in 1855, and becoming sole proprietor in 1869. The largest and most important contracts are entered into and executed with a skill, accuracy, and promptness that is eminently creditable to the house, and serves to commend it unreservedly to popular favor and public patronage. Some twenty skilled hands are constantly employed, which is greatly increased in number at times, while every convenience and facility is at hand for guaranteeing prompt, successful, and satisfactory service in all cases. Orders by telephone or otherwise receive the prompt personal attention of the proprietor, and estimates for all kinds of house and vessel painting are cheerfully furnished. Mr. Clark is also sole agent in New York for Rahtajen's composition for vessels' bottoms, keeping a full supply on hand, and dealing in the same at both wholesale and retail. This composition will wear longer than any other, and is the cheapest in actual cost and durability. Mr. Clark is a native of Ireland, a resident of this city since 1847, and known and honored as a reliable and useful citizen.

A. H. HARTMANN, Manufacturer of Spectacles and Eye-glasses, Nos. 130 Fulton and 89 Nassau Streets.—The business in which Mr. A. H. Hartmann is engaged is one requiring much skill and a practical experience. He has been identified with it over a quarter of a century, and as a practical expert is pronounced one of the best in the city. He has been in his present location since 1882, and has become widely known, and is indorsed and recommended by opticians and oculists. The fourth floor of the building No. 130 Fulton Street is occupied, which is fitted up with special machinery, operated by steam-power, and contains all the facilities necessary for the manufacture of spectacles and eye-glasses, which are made for the trade, in all styles and great variety. Mr. Hartmann gives his personal attention to filling oculists' recipes, executing the work with a skill and accuracy unsurpassed. Repairing also receives attention, and all work is fully warranted and guaranteed. Mr. Hartmann came to this country at an early age, and was brought up in Kings Co., N. Y., where he still resides.

W. ILLIAM DAVIS, Saddle and Harness Manufacturer, No. 482 Canal Street.—One of the oldest-established and best-known houses in this branch of industry is that of Mr. William Davis, manufacturer of saddles and harness. Mr. Davis founded his enterprise in 1857, bringing expert practical experience to bear in his operations, and he has long since built up a large patronage. The spacious premises occupied are equipped in the most approved manner for all the purposes of the industry, and employment is afforded a skilled force of hands. The best materials only are used in the manufacture, every care is taken to ensure perfect goods. The store contains a large, superior stock of single and double, light and heavy harness, saddles, collars, whips, spurs, horse-clothing, and everything connected with this line of trade. Special attention is given to custom-work, and orders are executed at the shortest notice, while the prices charged will bear favorable comparison with those of any contemporary concern. Mr. Davis has done work for several years with perfect satisfaction for Thurber, Whyland & Co.

J. OHN W. HARTT, Poultry and Game, in their Season, Nos. 263 and 264 Washington Market.—Mr. Hartt has been identified with Washington Market as employee and dealer for the past forty years, for thirty of which he has been in business on his own account. Mr. Hartt occupies two neat, finely fitted-up and admirably-arranged stalls, and these are heavily stocked with poultry and game in their season. It is one of the largest concerns in its line in the market and it has a permanent and extensive patronage throughout all parts of the state, worthy of its name and record since its foundation. Supplies are drawn from the best producing districts, the stock is at all times fresh and choice, and the prices are not excelled elsewhere in the city. Orders are promptly and satisfactorily filled, and goods are delivered free in any part of the city. Mr. Hartt is a native of Brooklyn, and during his long business career has won a measure of popularity, confidence, and respect in the commercial metropolis of this country second to no others in the same line.

BALDWIN & CO., Trunks and Leather Goods, Travelers' Outfits, No. 1159 Broadway.—This firm are extensive manufacturers of and dealers in trunks, leather goods, and travelers' outfits, and have been engaged in the business here since 1883. Their store is one of the attractive features of Broadway. The manufactory is located on Seventh Avenue, two blocks from the store, and has the best of modern appliances and facilities for the perfect production of all articles known to the trade, and furnishes steady employment to ten skilled workmen. The firm carry at all times a very heavy and valuable stock, which comprises an elaborate assortment of sole leather, sample, theatrical, steamer, and packing trunks; hampers, dress suit cases, and portmanteaus; travelling, shopping, opera, tourists', furnished, soiled-clothes, surgeons', express, and school bags; ladies' and gents' hat-boxes; shawl-rolls, shawl and trunk straps; umbrellas, parasols, and canes; cigar, card, photograph, shaving, dressing, medicine, and liquor cases; purses and pocket-books; riding whips, whiskbrooms, match-boxes, music rolls, portfolios, lap tablets, toilet rolls, cuff and collar boxes, pocket knives, flasks and drinking cups, picnic sets, cork-screws, lunch and furnished baskets, dog and cat collars, dog leads and harness, money and ladies' belts, trunk tags, steamer rugs, steamer chairs, camp stools, and general travelers' outfits. The firm manufacture their own goods for the retail trade exclusively.

CHARLES KILLGORE, Manufacturer of Compressed Tablets and Lozenges, No. 131 William Street.—A comparatively new industry in the manufacture of pharmaceuticals is that devoted to the production of compressed tablets and lozenges. The only manufacturer of this class of goods to any extent in this city is Chas. Killgore, of No. 131 William Street, who commenced some years ago to manufacture these goods by hand, weighing the material for each one. Being dissatisfied with this slow process, he devoted himself for a few years to the invention and perfection of machinery that would do the work more rapidly, until now his machine has the capacity of turning out 400 tablets per minute, and is unquestionably the best machinery for this work that has yet been invented in any country. His tablets run uniform in weight, and are perfect in finish. His products are in steady and growing demand, as this form of prescribing the various remedies has taken an enduring hold on popular favor. Mr. Killgore came from Utica, N. Y., in 1886, and has been at his present location, No. 131 William Street, since then. We believe that Mr. Killgore is the only one in this country who devotes himself exclusively to the manufacture of compressed tablets, and no materials are too good for him to use, believing that in medicine you should always use the very best that can be procured.

FOGARTY & BROTHER, Potatoes, Apples, Onions, etc., Nos. 110, 377, and 378 Washington Market.—The Messrs. Fogarty founded their business twenty years ago, and through the marked energy which they brought to bear in their management they have acquired a trade that reflects very highly upon their ability. The firm deal at wholesale and retail in potatoes, apples, onions, and country produce of every description, supplying shippers, hotel-keepers, restaurants, boarding-houses, and families with goods in this line at the lowest market quotations. They obtain their stock from the most reliable sources of supply, and are always prepared to meet all demands made upon their resources at the shortest notice, while all goods purchased from them can be depended upon to be the best obtainable in the several seasons. The members of the firm, Messrs. Michael and P. J. Fogarty, are natives of Ireland, and are well known in mercantile circles.

G. W. STRICKLAND, Drug Broker, No. 36 Beekman Street.—One of the best known among the drug-brokers in the city is Mr. G. W. Strickland. Mr. Strickland has been actively identified with the trade since 1863, when he established the present business, and the importation and sale of drugs and chemicals, and fills orders from all parts of the country. He is an experienced, practical man, possessing a thorough knowledge of the value of drugs and their qualities, and being familiar with all the details connected with this important branch of commerce, has established wide-spread business connections and a reputation placing him foremost among the able representative drug-brokers in the city. Mr. Strickland is highly indorsed and recommended; and as an evidence of his character and standing, it is only necessary to mention some of the names of those to whom he refers—McKesson & Robbins, C. N. Crittenden, Hall

& Ruckel, wholesale druggists; Prof. Bedford, *Pharmaceutical Record* and the *Druggists' Circular*, the College of Pharmacy, and both from Professor P. W. Bedford and John Ochler. Orders are filled by Mr. Strickland with that promptness their importance demands and all information is cheerfully furnished. He was born and brought up in the city, and is a gentleman of unimpeachable integrity.

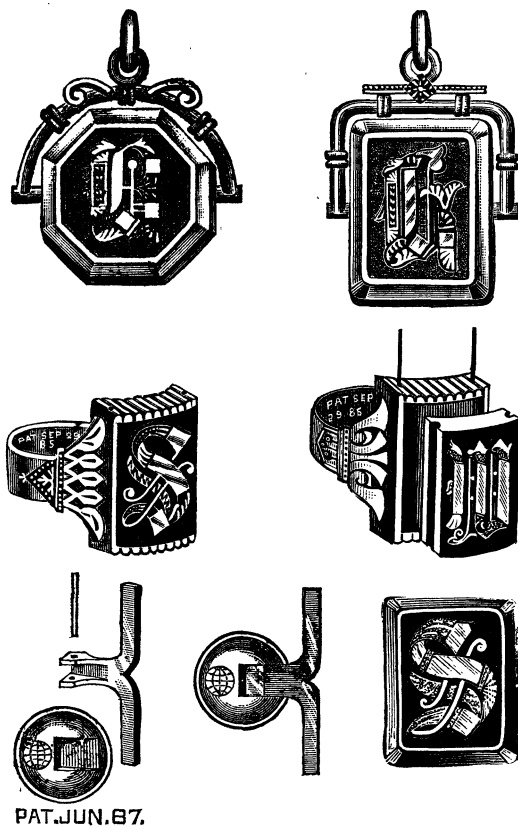
RICHARD J. CLASH, Engineer and Machinist, corner Elm and White Streets.—Mr. Clash has had a valuable practical experience of thirty years in his profession, and is a skilled expert in all its branches, as he has amply demonstrated. Thus, when he founded his business twelve years ago he was well qualified to achieve the success that has since crowned his efforts, and he now enjoys a deservedly prosperous patronage and a leading position in the trade. The plant of the enterprise is comprised in a building having two stories, each 25x100 feet in area, and the place is equipped with all necessary improved machinery, steam-power, appliances and conveniences requisite to a successful management, and employment is afforded a staff of skilled artisans. Mr. Clash personally superintends all the working operations, and carries on a general business as a manufacturer of small machinery to order; also in improving and perfecting patents, and in executing general job work of all kinds. All contracts are performed with promptness, while the charges are always made satisfactory.

DANIEL KEIL, Butcher, No. 55 Washington Market.—Seventeen years of continuous existence and uninterrupted mercantile prosperity mark the career of the well-known and popular meat and provision house of Mr. Daniel Keil, No. 55 Washington Market, and which has, ever since its inception, been one of the chief centres of trade in this section of the city. The practical experience of twenty years amply qualifies Mr. Keil in the various details of so extensive an enterprise. He employs several able and obliging assistants to wait upon customers, and a delivery wagon is used to carry goods to all parts of the city, among wholesale or retail patrons. Mr. Keil selects with great care the provisions handled, and carries in his large and complete stock all kinds of fresh and salted meats, which are guaranteed to be first-class in every respect, and may be obtained at the lowest market prices. Beef, veal, mutton, and lamb are always on hand, and fresh and wholesome in quality when offered for sale. Mr. Keil is a native of Germany, but has lived in New York City for nearly thirty years.

H. W. BROOKS, Provision Dealer, Nos. 194 and 195 Washington Market, Vesey Street side.—One of the largest industries in the United States is that of dealing in provisions. A prominent house engaged in this business in this city is that of Mr. H. W. Brooks, of Stalls Nos. 194 and 195 Washington Market, Vesey Street side. The business was established in 1853 by the present proprietor, who rapidly built up a very extensive trade. The stalls are models of cleanliness and order. A large and superior stock of No. 1 clear pork, sugar cured hams, tongues, bacon, country pork, sausages, bolognas, etc., is to be found here at all times, and while these goods cannot be excelled anywhere in quality, the prices ruling are invariably the lowest in the market. Mr. Brooks' trade is largely in this city and vicinity, and he is regarded as one of the leading members of his trade in the market. Three assistants are employed, and all orders are promptly and satisfactorily filled. Mr. Brooks is a native of England, and since 1848 has been a resident in this city.

F. LIBMAN, Manufacturer of Mouldings and Picture Frames, No. 18 East Broadway.—A house well known to the trade is that of Mr. F. Libman. The business was started by Mr. Libman in 1869 at its present location, and was very successful from the outset. Mr. Libman manufactures mouldings and picture-frames of all kinds. He is a practical man, who understands his business thoroughly, and permits no inferior work to leave his establishment. This fact is recognized by the trade; and knowing that they can in every case depend upon getting first-class stock at low prices, dealers patronize Mr. Libman liberally. The premises occupied, a store and basement, 25x80 feet in size, are fitted up in good style. From eight to ten skilled workmen are employed. A large and fine stock is carried. The trade done is principally wholesale. Mr. Libman was born in Germany and came to this country in 1866, and has resided in New York ever since.

J. BULOVA, Manufacturing Jeweler. Specialty: Patent Interchangeable Stone and Initial Rings, Cuff-buttons, and Lockets. No. 57 Maiden Lane.—Among the flourishing establishments devoted to the production of jewelry specialties in Maiden Lane may be mentioned that of Mr. J. Bulova, manufacturing jeweler, whose productions are in steady and growing demand in the trade throughout the entire country. Mr. Bulova, who is a native of Austria and a resident of this city since 1871, is a gentleman of twenty-odd years' experience, as well as a man of push, enterprise, and skill. He established himself in business here about ten years ago, and from the inception of the venture his efforts have been attended with the most gratifying success. Manufacturing a very superior class of goods, of strict integrity in his dealings, and



being withal thoroughly conversant with the trade, it is only in the nature of things that Mr. Bulova should have attained the full measure of prosperity he enjoys. The factory, which is located on the fourth floor, is 25x100 feet in area, and is supplied with steam-power and completely equipped in every respect with the latest improved machinery; while from ten to fifteen expert workmen are employed. Mr. Bulova manufactures solid gold jewelry of every description, making a specialty of patent interchangeable stone and initial rings, cuff-buttons and lockets, of which a large and elegant assortment is constantly carried in stock.

GERSH LOCKWOOD & CO., Merchant Tailors, No. 176 Fifth Avenue.—One of the oldest and most prominent merchant tailors is the house of Messrs. Gersh Lockwood & Co. The firm have long been recognized leaders in all matters pertaining to gentlemen's clothing, and have a widespread reputation for the superiority of their productions, while their patronage is derived from the leading classes of society. The business of the house was founded in 1841 by Mr. Gersh Lockwood, a native of Connecticut, but a resident of New York for the past fifty years, and his ability and skill in his vocation enabled him to acquire an influential and steadily-growing trade. In 1869 Mr. Thos. Pyterman, who had been engaged in the

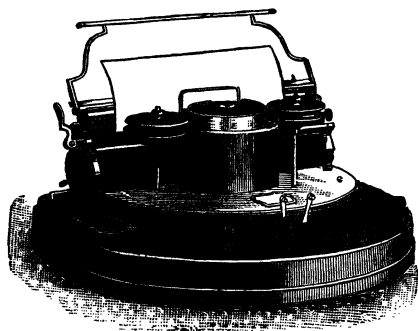
establishment since a boy, became his partner, and the business has since been conducted under their joint control. Mr. Pyterman was born in England, but has lived in this city since childhood. The extensive premises occupied cover an area of 25x100 feet, and are fitted up in the most approved style for all the purposes. A heavy, very superior stock is constantly carried, and embraces a complete assortment of choice European cloths and cassimeres, in all the newest shades and designs, and from which the most critical can make a suitable selection. A force of about thirty-five skilled tailors and their assistants are employed in the mechanical department, and the garments which leave the establishment are absolutely perfect, and unsurpassed for fit, style, or elegant appearance.

J. W. GILLESPIE'S SONS, Picture-frame Gilders, No. 52 John Street.—An old, widely-known, and eminently popular house of this city is that of Messrs. J. W. Gillespie's Sons, picture-frame and general gilders. This business was founded upwards of twenty years ago by Mr. J. W. Gillespie. In 1880 Messrs. Chas. H. and James M. Gillespie, sons of the founder, succeeded to the enterprise, which, under their energetic and popular management, has since been largely developed. The premises occupied, consisting of a spacious room, is systematically and conveniently arranged and supplied with all requisite facilities for the advantageous prosecution of the business. A competent force of experienced and skilful workmen is regularly employed. The firm do gilding of every description, making a specialty of picture-frame work and lettering of artists' tablets, and possess ample facilities for promptly and satisfactorily executing all commissions in this branch of industry. The Messrs. Gillespie were born in Providence, R. I., but came to this city at an early age, and obtained a thorough knowledge of their trade in the house of which they are to-day the successful, and highly respected proprietors.

WILLIAM F. PARR, Commercial Printer, No. 213 Centre Street.—Among the leading exponents of this useful and indispensable art in this section of the city may be named William F. Parr, commercial printer, and none in this vicinity enjoys a higher reputation for excellent work promptness, or reliability, and few receive a larger measure of public favor and patronage. This thriving and prosperous business was established about eight years ago by the present proprietor, and from the inception of the venture, Mr. Parr has by sagacity, energy, and the general excellence of his work steadily pushed his way to popularity and favor, building up a large and flourishing trade. He occupies a 20x60 foot (third) floor, and has at hand ample and excellent facilities for executing all orders in the most expeditious and superior manner, three presses being in regular service, while half a dozen or more expert hands are employed. A specialty is made of fine commercial printing, and general job-work in all its branches is done in the highest style of the art, the lowest prices consistent therewith, too, prevailing, while the proprietor exercises close personal supervision over every feature and detail of the business, no pains being spared to render the fullest satisfaction in every instance to patrons, and the patronage, which extends all over the city and suburbs, is of a very substantial and flattering character. Mr. Parr, who was born in England and has resided in this city since 1872, is a practical and expert printer.

MARK ROYLANCE, Wood Engraver, Nos. 88 and 90 Centre Street.—There is certainly no branch of art which requires a more extended experience, a more thorough, technical, and practical training, and in which mechanical skill is more essentially requisite than that of which Mr. Mark Roylance is a representative exponent. His offices are located at Nos. 88 and 90 Centre Street, and Mr. Roylance has been engaged in his present business since 1860. He is an artist who has a high reputation as an engraver, both upon wood and metal, and his skill in both is that of one who produces work bearing upon it the impress of an artistic hand. He possesses all the tools needed to be used in the business, and is acknowledged to be one of the finest engravers in the city, doing first-class work, and employing skilful help. He is regarded, in fact, as peculiarly expert in every branch of his profession, and the careful attention paid by him to the minutest detail of his business results in the utmost satisfaction in the work leaving his establishment. Personally, he is a native of New Jersey, and stands high in the business community.

HAMMOND TYPE-WRITER COMPANY, J. B. Hammond, President, Nos. 75 and 77 Nassau Street.—The use of type-writers at the present day has become so essential an adjunct to the conduct of all kinds of commercial affairs that the advent of a radically novel and superior instrument for the purpose excites general attention. In this connection we desire to make special mention in this review of the commerce and industries of New York to the representative and successful Hammond Type-writer Company, Nos. 75 and 77 Nassau Street, which has brought into use a machine which promises to mark a new era in the history of writing by types. The award of the only gold medal at the New Orleans Exposition, 1885, has raised it at once into prominence, which seems fully justified by the novelty of its mechanism, as well as the wonderful perfection of its work. It will be useless for printers to attempt to produce fac-similes of type writing by means of types irregularly spaced and lined and imperfectly printed, for the work of the Hammond type-writer rivals type-printing itself. The machine likewise is of the greatest simplicity, and is practically unlimited as to the numbers and styles of type, which can be used on a single machine. Paper of any size, long or wide, can be used with equal ease, while its touch is as smooth and rapid as that of the piano forte. Its keyboard is admirably arranged for speed, and moreover the machine is light and portable, and there seems nothing more to be desired for all purposes of business, authorship, or correspondence. Numbers of these splendid type-writers have latterly been introduced into our large business establishments, and have proved themselves in actual use, equal to all that has been claimed for them, and in fact they are absolutely unrivalled for efficacy, speed, durability, and general ex-



cellence by those of any other house in America or Europe. The most striking fact to the mechanical eye is the simplification by which two simple levers, each carrying one half of the types, is caused to rotate at the slightest touch of its appropriate key, make its motion and stop with such astonishing speed and marvelous accuracy that if the same line be printed twice at the rate of ten characters per second the eye cannot detect, even with the aid of magnifying glasses that more than one impression had been made. The difficulty to be overcome was so great that one of our leading professors of mechanics declared that if he had not witnessed its accomplishment he would have declared it impossible. But "the impossible" is what modern invention is continually accomplishing, and we cease to wonder as we see these modern miracles serving the everyday purposes of business. Soon after the close of the recent exposition at New Orleans certain manufacturers of type-writers publicly claimed that they had secured a first-class gold medal. Speaking of this claim, the president of the Hammond Company said recently to the writer of this article: "Referring to a publication bearing the signatures of Beaton, Bacon & Morgan, in which certain defeated parties claim to have secured a first-class gold medal at New Orleans, the company quote the following official announcement of the Chairman of the Committee of Awards at the New Orleans Exposition: 'The publication is not authorized. The jury of six, of which the signers formed part, was superseded by the jury composed of Coleman, Cook and Thoenes, for the reason, among others, that the jury was evenly divided and could give no award.—Gus. A. BREAUX, Chairman.'" In 1881 the Hammond Type-writer Company was duly incorporated under the laws of New York with ample capital, and since its organization at that period has built up an extensive and influential patronage, not only in America but also in all parts of the civilized world. The following gentlemen are the officers, viz.: J. B.

Hammond, President; Wm. C. Behrens, Vice-President and Manager; J. M. Bancroft, Secretary; W. T. Phipps, Treasurer. The factory of the company, which is admirably equipped with all the latest improved automatic machinery, tools, and appliances, and furnishes constant employment for about one hundred skilled workmen, is on Seventeenth Street and Avenue B, New York. The Hammond type-writer has also been awarded medals at the American Institute Fair, 1885, and London, England, 1887, Mechanics' Fair, Boston, gold medal, 1887, and ranks a long way ahead of all its competitors and predecessors, while the rapidity of its writing may be truthfully stated to be as "free and fleet as speech." The following are the branches in the United States of the Hammond Type-writer Company: 206 La Salle Street, Chicago; 706 Olive Street, St. Louis; 300 Washington Street, Boston; 15 North Charles Street, Baltimore; 518 West Main Street, Louisville; 5 West Fourth Street, Cincinnati; 42 Weybosset Street, Providence.

P. R. KETCHAM, Dealer in Poultry, Game, etc., Nos. 175 and 176 Washington Market.—A popular and reliable house is the poultry and game establishment of Mr. P. R. Ketcham. Mr. Ketcham is a native of Long Island, N. Y. and has had an experience in this market since 1879, and established himself in this business during the following year. His establishment is a fitting illustration of what may be accomplished by diligent attention to the wants of patrons, dealing in none but the very best articles, and fair, square business methods. The premises occupied are of ample proportions, comprising two stalls, which are very neatly and tastefully arranged and thoroughly equipped with every facility for the successful transaction of business, including the latest-improved refrigerators, etc., for supplying cold storage for the preservation of poultry and game during hot-weather. Mr. Ketcham makes a specialty of the very choicest dry-picked Philadelphia and New Jersey poultry of every description, including spring or young chickens, squabs, wild and tame pigeons, turkeys, geese and ducks, and the first game of the season can always be found at his establishment. Two polite and courteous assistants are in constant attendance. The trade is principally retail, and includes hotels, restaurants, and boarding houses.

E. McHUGH, Beef, Veal, etc., No. 19 Washington Market.—The practical experience of twenty years in the various details of the meat and provision trade, amply qualify Mr. E. McHugh to carry on the enterprise in Washington Market, which he established in 1874, and has since conducted with ever-increasing success. Mr. McHugh began his career in the market as a clerk, and has, by his ability, prudence, judgment and enterprise won his way to the front rank of its leading business men and has secured a permanent trade throughout the city. He occupies Stand No. 19 and has at hand all modern improvements and facilities for the care and preservation of the perishable food products handled, and the prompt fulfillment of all orders, while the stock embraces a carefully-selected assortment of fresh beef, veal, mutton, lamb, pork, etc., which are sold at the lowest market prices and delivered free of charge. Mr. McHugh is a native of New York city, where he has resided during most of his life-time, and is one of the oldest established provision dealers in the market.

GEOERGE P. HAMMOND, Commission Merchant, Nos. 34 and 36 Little Twelfth Street.—Since Messrs. Benson & Hammond established this extensive business more than sixteen years ago, this house has won the highest rating in mercantile circles, and deservedly enjoys a widely developed and influential trade extending throughout the city. Since 1882 Mr. Hammond has had the sole charge of the enterprise and has been untiring in his efforts to retain the old patronage of the house. He solicits consignments of country produce, eggs, cheese, poultry, foreign and domestic fruits, and makes liberal advances upon the same, if desired; while ample facilities are at hand for receiving, and shipping the food products dealt in, and several able clerks and porters are employed. Mr. Hammond carried on the general grocery business for four years previous to the establishment of his present enterprise, and being well informed as to the needs of the public has won his success and prosperity through his commendable efforts to supply the wholesale trade with the most satisfactory goods at the lowest market prices. He is a native of Denmark, but has lived in New York for thirty years.

SIEGRIST BROTHERS, Manufacturers of Fine Hand-sewed Shoes, No. 237 Canal Street.—The very marked improvement effected of recent years in the fine foot-wear line in this country is among the notable features of the times. Especially do these remarks apply to hand-made shoes, the articles leaving a first-class shop to-day in the metropolis being models of art and excellence. And in this connection special mention may here be given to the well-known and popular firm of Siegrist Brothers, manufacturers of fine hand-sewed shoes, located at No. 237 Canal Street (opposite Earle's Hotel), and who have established an A1 reputation for first-class work in their line, and as a consequence receive an extensive and well-merited patronage. The shoes made in this flourishing establishment are probably unsurpassed in any feature of merit—in style, fit, comfort, neatness, or finish—by any produced in this quarter of the city, nothing but the finest quality of material entering into their manufacture, and none but expert workmen are employed, while Mr. Jacob Siegrist, one of the proprietors, and himself a thoroughly practical and experienced man, devotes close personal supervision over all work turned out in the shop. This pushing and prosperous firm was established about two years ago, and at its very inception may be said to have fairly bounded into prominence and public favor, building up in a short time a large and highly gratifying trade. The business premises include a fine 20x70 foot store, with ample and well-ordered shop attached, and from 16 to 20 experienced hands are employed, while a large and elegant assortment is constantly carried in stock, embracing fine shoes for gents' and youths' wear of every style and variety, from the neat fitting man's shoe to the daintiest slippers; popular prices also prevailing.

G. LINDE, Engraver, No. 32 John Street.—One of the ablest as well as the oldest and most popular exponents of his dual branch of skilled industry in this city is Mr. G. Linde. Mr. Linde was born in Germany, but came to New York, where he has since resided, in babyhood. At an early age he served his time, and acquired an expert knowledge of engraving and chasing, in which department of skilled industry he has been identified for upwards of twenty-four years, earning meanwhile an enviable reputation as a skillful workman. In 1868 he embarked in the present enterprise, and from a comparatively small beginning has reared a large and profitable business. The spacious premises are supplied with all requisite methods and appliances, and every facility is at hand for the advantageous conduct of the business. From three to five skilled workmen are regularly employed; everything in the engraving and chasing line is done, and the work turned out is invariably of the highest degree of artistic and mechanical excellence.

FRANK BAYERDOERFER, Importer of Fine Watches and Diamonds, and Jobber in American Watches, Nos. 41 and 43 Maiden Lane.—This gentleman began business here in 1880, and from the inception of the enterprise to the present it has been attended by the most marked success, and Mr. Bayerdoerfer's business relations now extend to every section of the country. He carries on a large and growing trade as an importer of watches and diamonds, and as a jobber in American watches. His premises are spacious and finely fitted up, and here is displayed a magnificent stock of watches of foreign and domestic manufacture, and diamonds of every grade and quality. Mr. Bayerdoerfer has established the most advantageous relations with foreign and home manufacturers of watches, and these enable him to offer inducements of a superior character to his patrons. Mr. Bayerdoerfer was born in Germany, and came to this country a score of years ago. During the whole of this period he has resided in this city.

A. P. JOHNSON & CO., Preparers of Boxwood, Maple, and Mahogany for Engravers' Use, No. 26 Beekman Street.—The firm of A. P. Johnson & Co. may be said to be the leading one in the preparation of maple, mahogany, and boxwood for engravers' use. In size the premises are 25x100 feet, and are perfectly equipped with special machinery, and all the appurtenances requisite; steam-power is employed, and from 10 to 15 skilled workmen are kept constantly engaged in the various departments preparing boxwood, maple, and mahogany blocks in all sizes for engravers' use, and also blocking electrotype, stereotype, and

metal plates. Special attention is given by the firm to engravers' jobbing work, which is done with neatness and skill, in the best manner. Besides a widespread city business, a heavy trade derived from all the adjoining States is supplied from this establishment. Mr. A. P. Johnson and Mr. L. P. Carlson, the copartners, are well and favorably known. The former gentleman has had twenty and the latter six years' experience in the business, and have been associated since 1882.

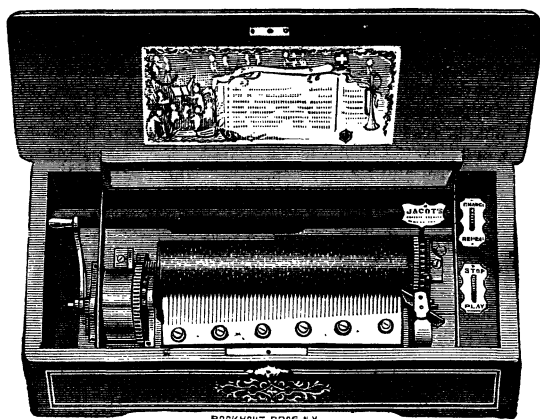
M. SCANLON, Butter and Cheese, Nos. 112 and 112½ Washington Market.—One of the most popular and well-patronized stands in the new Washington Market is that of Mr. M. Scanlon, dealer in butter, cheese, and eggs, who has been established at his present enterprise for the past twenty years, and previous to that time he had been employed in the market for ten years. Mr. Scanlon's stands are not only large and well adapted for the reception of a heavy stock, but are also well supplied with all needed facilities for executing orders with accuracy and dispatch, and delivering goods to any address within the city or vicinity. He receives the food products handled direct from the finest dairy farms in the State, and makes a specialty of supplying ships, hotels, and families with the choicest butter, cheese, eggs, etc., at reasonable prices. Many of the leading restaurants, hotels, and private families in the city have established permanent trade relations with Mr. Scanlon. Mr. Scanlon is a native of Ireland, but has spent the greater part of his life in this city.

S. ANDESNER, Dealer in Beef, Veal, Mutton, and Lamb, No. 16 Washington Market.—Mr. S. Andesner, dealer in beef, veal, mutton, and lamb has been in the market for the past eighteen years, and founded his present business in 1879, meeting with the best of success from the outset. A fine patronage has been acquired, and the house is held in the highest favor by all its numerous customers. Mr. Andesner's business quarters are fitted up in the most approved and convenient manner for the handling of a large and active trade, and a large stock is at all times carried. The meats handled are procured from the most reliable sources, and are of the finest grades in quality, the finest the market affords. Both a wholesale and retail trade is supplied, and customers have their marketing sent to any part of the city free of charge. A native of Germany, Mr. Andesner has resided in this city for the past thirty-three years, and is eminently deserving of the success he has achieved.

P. S. BOGART & CO., Commission Dealers in Fruits and Country Produce, No. 170 Reade Street.—This house was founded as far back as 1869 and from the start has maintained a prominent and popular status in the trade. The commodious and well-arranged premises are fully supplied with all requisite conveniences and facilities for the advantageous handling and display of the large consignments of fruits, vegetables, and other farm products daily received, and the house is a favorite source of supply for the best city trade in this line. Messrs. P. S. Bogart and J. J. Moore, composing the firm, are gentlemen whose wide experience in and thorough knowledge of the business on hand has eminently fitted them for its successful conduct. Throughout their deservedly prosperous career they have maintained a strict integrity in all their dealings.

H. LOWENHAUPT, Butter and Cheese, No. 127 Washington Market.—Mr. Lowenhaupt has had the practical experience of twenty-three years in the produce trade of Washington Market, but it is only within the past decade that he established himself in business as a dealer in butter and cheese; and during the time he has secured a heavy local wholesale and retail trade. He occupies stand No. 127 in the market, and has fitted up the premises with all needed conveniences for carrying a large stock, and executing all orders with accuracy and despatch. Goods are delivered free of charge to any address in the city. A fine assortment of foreign and domestic cheese of the choicest varieties, together with butter from the best-known dairy farms in the State, is constantly on hand. Mr. Lowenhaupt endeavors to supply the needs of his patrons with the choicest food products in the market. He is a German by birth, but has lived in the metropolis of the new world for the past twenty-eight years.

JACOT & SON, Importers of Musical Boxes, No. 37 Maiden Lane. —The achievements of mechanical skill and musical expression and power in the modern improved musical box are of the most remarkable character. The leading importers of these charming instruments in the United States are Messrs. Jacot & Son of No. 37 Maiden Lane, who are the sole agents for the firm of Mermod Frères, Ste. Croix, Switzerland. The business was established upwards of six years ago by the house of Jacot, Jeullerat & Co., to whom Messrs. Jacot & Son succeeded in 1886. They bring to bear the widest range of practical experience, perfected facilities, and influential connections; and in their elegant salesroom at No. 37 Maiden Lane carry by far the largest and finest stock of musical boxes in America, ranging in size from the small toy box to amuse children up to the grand sublime harmonie, and other styles, playing one hundred tunes in the highest style of the art, and with a power, expression,



and general perfection unrivalled by instruments of any other make. The public greatly appreciate the splendid character of these boxes, and the trade has grown to proportionate magnitude. Messrs. Jacot & Son are honorable and energetic business men, who have devoted much time and shown great ingenuity in the improvement of their instruments. They carry the finest classes of boxes, ranging styles and prices so as to meet the wishes and tastes of everybody. They sell largely to the jewelry and fancy goods and music trade, and offer substantial inducements to dealers, who, by keeping these splendid instruments in stock, can develop an important branch of business. We recommend all interested to call at Messrs. Jacot & Sons or send for their handsome illustrated descriptive catalogue.

IHERMANN, Importer of Diamonds and Precious Stones, Diamond Cutter and Polisher, Manufacturer of Diamond Jewelry, No. 36 John Street. —For ages past the diamond has been held in the highest estimation of those who love jewelry, and the splendor of the finer stones has certainly justified the preference. It is not only valuable as an article of adornment, but is regarded as a desirable form of investment, from the fact that its value fluctuates but little from year to year. The gem is placed at its highest point of value by the brilliancy which the polisher's skill is enabled to impart to it, and the work is one requiring great care and experience. New York's most prominent and best known diamond cutter and polisher is Mr. I. Hermann, of No. 36 John Street. This gentleman was born in Germany, and in 1847 came to New York and established himself in the jewelry business. In 1871 he introduced the cutting and polishing of diamonds. In 1870, soon after the discovery of diamonds in the South African fields, he received through a friend a few specimens, supposed to be diamonds, found in the Cape, for his inspection, which Mr. Hermann pronounced diamonds and had them cut by a firm in Boston, who had at that time two mills running. It resulted as expected, and it encouraged him to introduce this industry, the first of its kind in this city and State of New York. He formed, in 1871, with friends, a company which was incorporated as the New York Diamond Company, Importers, Cutters, and Polishers, under his direction and management, advancing the art by inventing new machinery and the difficult task of having the import duty of ten per cent on rough diamonds repealed, for the government seemed unable

to perceive the advantage of thus increasing the wealth within the country. This expensive privilege, obtained by him, is now enjoyed by all others engaged in the trade. Three years the company worked with success; in 1873 they imported the largest diamond ever having entered this port up to that time, which weighed eighty karats in the rough, a crystal of octahedron form and by water, which was cut by Mr. Hermann on a machine of his own invention. It produced a perfect gem, by water, of great brilliancy, weighing thirty-nine and three-eighths karats. It was exhibited to diamond merchants and scientific men and named the "Star of the West," at a banquet given to Mr. Hermann by the New York Diamond Company, March 2, 1874, at Delmonico's, corner Fourteenth Street and Fifth Avenue. Mr. Hermann received many testimonials, among them an enthusiastic mention of his ability in the popular treatise on gems, by Dr. Feuchtwanger. An interesting description and illustrations of the company's works appeared in the *Scientific American*, October 3, 1873, and other periodicals. Since then larger diamonds have been cut and polished by Mr. Hermann and other firms; consequently the claim made that the Cleveland (?) diamond to be the largest ever imported and polished in this country is not justified. The irregularities in the market for rough diamonds, the dullness in the trade, involved great losses to the New York Diamond Company whose burdens fell on Mr. Hermann's shoulders, and he became the successor of the company. He had many difficulties to battle with; hands that he had educated either established themselves in business or were taken away by richer firms, and he was left to depend entirely on himself. Encouraged by the acknowledgment by leading houses here and in Europe of the superiority of his work, he devoted his energies to the recutting and polishing of fine diamonds only. There are many old mine diamonds owned in this country which, by recutting and polishing, can be turned into gems of the greatest brilliancy and their value enhanced, and Mr. Hermann's is the establishment where the work can be done most efficiently and satisfactorily. He occupies finely fitted up premises, employs several skilled hands, and in all his business engagements is prompt and reliable.

WM. H. BURBANK, Manufacturer of Shoe and Glove Leather, etc., No. 23 Spruce Street. —A leading source of supply in New York for the finer grades of glazed, alum-tanned French kid, Dongola goat, black and colored kid, is the establishment of Mr. Wm. H. Burbank, the well-known manufacturer of these goods, at No. 23 Spruce Street. This gentleman first established himself in business here in 1862, as an importer of leather and kindred supplies, and in 1877 commenced his present manufacturing enterprise, locating his factory at Park Avenue and Schenck Street, in the city of Brooklyn. His facilities for rapid and successful production are of the most complete and perfect character, including, as they do, the latest improved machinery and appliances, and the constant employment of from 30 to 40 skilled hands. The business of the house is continually on the increase, extending to all parts of the United States. His spacious salesrooms in this city are well filled at all times with the finest grades of shoe and glove leather known to the trade, and unsurpassed facilities are possessed for guaranteeing the prompt and satisfactory fulfillment of all orders, of whatever magnitude. The stock here carried can be confidently recommended as one of the very few in the city which contains strictly first-class grades of goods, reliable in material, finish, and workmanship. Mr. Burbank was born in this city, of Massachusetts parents, and was raised in this line of business from his boyhood.

MA. BOGERT, Manufacturer of Printers' Materials, No. 11 Frankfort Street. —Among the leading manufacturers of printers' material in the United States is Mr. M. A. Bogert. The business was established by him in 1863, Mr. Bogert at that time being one of the most practical men in the line. He brings to bear forty-one years of practical experience, and has achieved an enviable reputation throughout the trade for the manufacture of cabinets, stands, case-racks, and printers' furniture generally. Mr. Bogert supplies the above materials to many of the finest printing-houses in New York and throughout the country at large, and his ambition to excel, and reliable product, secure to him a trade of great magnitude. He makes a specialty of boxwood for engravers' use, blocking, mortising, routing, etc., and his workmanship can in every case be fully relied on.

WM. J. PELL, Mercantile Printing House, No. 92 John Street.—Among the representative and active printers and stationers of the metropolis, is Mr. Wm. J. Pell, whose mercantile printing house and office are situated at No. 92 John Street. This business was originally established in 1853 by Wm. B. Folger, who conducted it without interruption till January 1, 1883, and after a successful career was succeeded by the present proprietor. Mr. Pell has been actively engaged in this house for the last quarter of a century, and brings a wide range of practical experience to bear, handling and producing every description of printing, stationery and blank books in the best and most reliable manner. The premises occupied comprise a commodious four-story and basement building 25x60 feet in area. The work-rooms are fully supplied with the latest improved cylinder and job presses, gilding, ruling, and cutting machines, and every other appliance necessary for the successful conduct of the business. Thirty experienced printers and operatives are employed, and the machinery is driven by steam power. He attends carefully to engraving and lithographing, and turns out very superior work in bonds, stock certificates, checks, drafts, note and receipt blanks, bill-heads, high class lithographic circulars, etc., while his prices in all cases are moderate. All kinds of commercial and job printing are likewise executed with accuracy and dispatch by Mr. Pell, who does a large amount of work for several of our principal mercantile houses. He is equally prominent as regards his splendid line of blank books, ledgers, journals, invoice and cash books. Insurance companies, banks, bankers, and brokers can always have their requirements met here in the most satisfactory manner at short notice, while the work turned out has no superior in this city or elsewhere. Mr. Pell is a native of New York, and is highly esteemed by the community for his industry, skill, and integrity. The trade of this house extends throughout New York and the neighboring cities, and is steadily increasing, owing to the reliability, finish, and excellence of all its productions. The telephone call of the house is, "John 578."

M. J. & G. W. STURGES, Wholesale and Retail Dealers in Veal Lamb, and Mutton, Nos. 275, 276, 277, 278, and 295 Washington Market, 9 Stalls—Messrs. M. J. & G. W. Sturges are among the most prominent representative wholesale and retail merchants in Washington Market, and through a long series of years have maintained an unexcelled reputation for the reliable quality of their meats and the honorable manner in which they deal with their numerous customers. They conduct an extensive and substantial trade, and they daily handle immense quantities of beef, shipping largely to out-of-town points as well as delivering supplies to all parts of the city. The senior member of the firm, Mr. M. J. Sturges, has had long practical experience in this market, having done business here for the last forty-two years, and gives close personal attention to all details of his trade, and is in every respect a popular and esteemed tradesman. He was born in Orange County, this State, and is one of the oldest stall-holders in the market. He began business here in 1847, and he conducted his enterprise alone until ten years ago, when he took into partnership his son, Mr. G. W. Sturges, who is a native of this city. The firm occupy fine stalls, numbered 275, 276, 277, 278, 295, nine stalls in all, and these are models of neatness and order. Here is to be found at all times the finest stock in the market of veal, lamb, and mutton, and the exigencies of the business, which is wholesale and retail in its character, calls for the permanent employment of eight hands. Ships, stores, hotels, restaurants, and families are promptly supplied on order with the best quality of meats at the lowest prices, and goods are delivered free in any part of the city. The meats handled by this firm are the choicest that can be secured from any section of the country, the goods being in widespread demand by dealers throughout the city. In 1861 the display of meats exhibited by Mr. Sturges was acknowledged by all to be the finest ever seen in this city. The reliability of the firm is too well known to require comment in this work, and in regard to the magnitude and extent of the business conducted, as well as the merit of the goods handled, it is safe to assert they have no peers.

H. BÜHLER, Iron Founder, Nos. 50 and 52 Park Street.—This business was established in 1875 by Mr. Bühler, who is a thoroughly practical iron founder, fully conversant with every detail and feature of this useful industry. The premises occupied for manufacturing purposes comprise a commodious foundry, pattern-room, and shops. These are fully equipped with all

the latest improved appliances, tools, and machinery known to the trade, including a cupola which has a capacity of three tons daily. Twenty experienced moulders, machinists, etc., are employed, and the machinery is driven by steam power. Mr. Bühler is prepared with all necessary facilities for the production of all kinds of machinery and other castings, which are unrivalled by those of any other first class house for smoothness, finish, and quality of metal. The proprietor cheerfully furnishes estimates for any description of castings, and likewise attends carefully to designing and pattern making. All orders are promptly and carefully filled at the lowest possible prices. The trade of this foundry is by no means confined to New York, but extends throughout Brooklyn and the neighboring cities. Mr. Bühler was born in Germany, but has resided in the United States for the last twenty-two years.

A. P. ROCKWELL, Furs, Importer and Manufacturer, No. 731 Broadway.—The manufacture and importation of furs, seal-skin goods, etc., has made great progress among the industries of the metropolis. A reliable and progressive house engaged in this useful and important business is that of Mr. A. P. Rockwell, importer and manufacturer of all kinds of furs, whose office and salesrooms are located at No. 731 Broadway. This business was established by the present proprietor in 1880, since which period he has built up an influential and permanent patronage in all sections of the United States and Canada. The premises occupied comprise a superior store, second floor, and basement, each being 25x100 feet in dimensions. The workrooms are fully equipped with every appliance and facility necessary for the successful prosecution of the business. Here a large number of experienced and skilful operatives are employed in making up sealskins and other fine fur garments, which are unrivalled for quality, finish, reliability, and uniform excellence, while the prices quoted for them are reasonable. Mr. Rockwell is closely allied to the famous firm of Revillon Freres, of Paris, the largest manufacturers of novelties and fine furs in the world. The proprietor was born in Guilford, Chenango Co., N. Y., and has been engaged in the fur trade since 1860. He is highly esteemed in business circles for his industry, skill, and integrity, and it is said of him that his word is a sufficient guarantee that all contracts made by him will be carried out to the letter.

J. BENEDICT, Metropolitan Iron Works, Nos. 544 to 550 West Fifty-fifth Street.—This gentleman has long enjoyed a national reputation as an extensive manufacturer of sash weights, dumb-waiter weights, loom weights, furnace grates, etc., and has been established in the business here since 1861. The works comprise a two-story brick building, 100 by 50 feet, with an L 30 feet square, fully equipped with every modern improvement calculated to facilitate rapid and perfect productions, the motive force being furnished by a steam-engine of 75 horse power, and constant employment is given to 40 skilled workmen. Mr. Benedict's enterprising efforts have been combined with a comprehensive knowledge of the requirements of the trade, and have resulted in the production of a class of specialties that are recognized as of standard value wherever introduced and tested, and have served to give the works a name and a patronage that extends to all parts of the country. The resources and facilities of the proprietor are such as to guarantee the prompt and perfect fulfillment of all orders, and also enable him to compete in all markets of the country with perfect success, and at satisfactory prices. Mr. Benedict is a native of Connecticut, a resident here for many years, and recognized as one of our most useful and honorable citizens, and solid and substantial business men.

J. JOHN SCHREIBER, Men's Furnishing Goods, Fifth Avenue Hotel.—Mr. Schreiber occupies one of the handsome stores in the Fifth Avenue Hotel block, and has on sale the very best quality of imported goods, and those of home production. He is the recognized leader of the styles, and is always the first to introduce the new fashion as soon as brought out. In size the store is 25x35 feet, and contains a general assortment of everything pertaining to this business, and also umbrellas and walking-sticks. The stock of goods is one of the largest and most complete in all departments to be found in this section of the city, and the prices are as reasonable as those of any other first-class establishment in this line of business. Mr. Schreiber, who was born in Germany, early in life came to this country, and has been established in business since 1859.

THE STANDARD PAINT COMPANY, Manufacturers of the P. and B. Paints and Compounds, and P. and B. Patent Ideal Roofing, No. 59 Maiden Lane.—One of the most remarkable discoveries of the age, and one, too, that is pre-eminently practical, useful, and comprehensive in its field of application, is the internationally-famous P. and B. Paint. It has for its base a mineral pronounced by chemists to be practically indestructible, which when dry is more fire-proof than the so-called fire-proof paints, while neither salt nor fresh water, alkaline or acid solutions of any kind, insects or vermin, make any impression on surfaces coated with it. It preserves iron and other metals from rust and when applied to clean metal surfaces, completely arrests oxydization. The Standard Paint Company was duly organized in 1886 to engage in the manufacture of this paint upon the most extensive scale, under the presidency and general management of Mr. Ralph L. Shainwald. The factory is located at Bound Brook, N. J., where a large force of hands are engaged in the manufacture of the P. and B. Paint, and also of the P. and B. Patent Ideal Roofing, without question the most admirable and durable covering of the kind in existence. The warehouse is centrally located at No. 59 Maiden Lane, while there are branch houses in Chicago and St. Louis. The sales have attained proportions of enormous magnitude and are rapidly growing, each new consumer preparing an eloquent testimonial for his neighbors to see, to believe in, and to adopt. The composition of this paint includes the most volatile liquid known to chemistry, causing the mineral to penetrate deeper into the pores of metal, brick, wood, etc., than anything else. Its adaptability for all preservative purposes is universally recognized. Moisture, acids, and corrosive solutions, have been proved by the severest tests to have no effect upon it. The paint can be applied by anybody that can handle a brush, is always ready for use, needs no stirring, has a fine, solid appearance, and dries quicker than any other paint. It is in demand for bridges, roofs, boats, submerged timber and metal, smelting works, distilleries, breweries, beer, cider, and vinegar tanks, tanners' leaches and vats. Water-proofing cement for car-roofs,



soap and sal-soda works, electrical works, etc. It is largely used as an insulator on electric wire, cables, etc. The company has thousands of testimonials from all classes of manufacturers loudly praising the splendid effects of the "P. and B." Paints. The greatest chemical works of the country endorse, as do scores of other industries, and we recommend all interested to send to the company's office in Maiden Lane for the descriptive pamphlet containing hosts of these testimonials. The Electrical Supply Company manufactures the "P. and B." black weather-proof line wire. For some time past there has been a growing demand for an insulated wire which, being thoroughly water-proof, would not be affected by either heat or cold, acids or alkalis, and which could be sold at a price to compare with the ordinary underwriters' wire. The "P. and B." black weather-proof line wire answers all of these conditions. The insulating resistance is excellent, and is not in the least affected by moisture; nor will exposure in any place injure its high insulating qualities. While the price per pound is a little more than underwriters' wire, the insulation weighs much less, so that the price per foot is but little if any more. The finish is smooth and glossy and will not crack. This is believed to be the best weather-proof line wire made, and in the end the cheapest.

H. C. HULBERT & CO., Manufacturers of Paper, No. 53 Beekman Street.—A leading representative house in connection with the paper-makers' supply trade, is that of H. C. Hulbert & Co., of No. 53 Beekman Street, New York city. The firm's connections abroad are of a high order, which gives them facilities desirable to any one in their line of trade. The senior member of this firm commenced business in John Street in the year 1858, under the firm name of H. C. & M. Hulbert, and in 1861 they moved to Beekman Street. The present firm of H. C. Hulbert & Co.

was formed January 1, 1872. They occupy the large warehouse No. 53 Beekman Street, running through to Ann Street, which is well adapted for the storage and shipment of their class of goods. Mr. Henry C. Hulbert was born in Berkshire County, Mass., and has been a permanent resident in this section for nearly forty years. Mr. Joseph H. Sutphin, the junior member of the firm, is a native of New Jersey. Both gentlemen bring to bear practical experience, coupled with an intimate knowledge of the wants of the trade, and their control of valuable foreign and domestic accounts gives them great advantage in supplying good articles at a fair price. The firm are importers of pearl hardening, Stubbins Vale Mills felts and jacketing, sizing, Berger ultramarine, and various chemicals; also dealers in paper, double extra heavy canvas dryer felts, and are the sole agents for the U. S. Chemical Co.'s U. S. Double Refined, U. S. Refined, Diamond H, Triangle H, and Plain H alum. Their experience and sound judgment has placed Messrs. H. C. Hulbert & Co. in a strong financial position, and their large capital and facilities in purchasing enables them to meet any reasonable competition.

JAMES & HOLMSTROM, Manufacturers of Grand, Square, and Upright Pianos, 233 and 235 East Twenty-first Street.—The firm of Messrs. James & Holmstrom has been for several years before the American people, as manufacturers of first-class grand, square, and upright pianos, and their standing has always been of the highest character. There are a number of other houses more pretentious, which advertise in high-sounding phraseology, but for an honest, reliable, trustworthy firm with which to deal, we do not know a better one than Messrs. James & Holmstrom's in the piano trade. The present firm was organized in 1872, the copartners being F. P. James and Andrew Holmstrom, both of whom are practical and experienced piano makers, fully conversant with every detail and feature of the business and the requirements of patrons. The premises occupied comprise a superior four story and basement building, 50x100 feet in dimensions. The workshops are fully supplied with the latest-improved tools, appliances, and machinery known to the trade. Highly-skilled workmen are employed, and the machinery is driven by steam power. By adopting sundry new and valuable improvements, suggested by years of experience, the firm have succeeded in imparting to their pianos a matchless purity and evenness of tone throughout the entire scale. The touch of these splendid pianos is light and elastic, the tone brilliant and sonorous, with an exquisite, clear treble, devoid of that metallic ring so noticeable in pianos made by many celebrated manufacturers. In point of finish, style, durability, and quality of tone, these pianos are fully up to the standard so long sought for by leading professional and amateur pianists, being desirable alike for the requirements of the parlor, or the severer tests of the concert hall. Messrs. James and Holmstrom have received numbers of flattering testimonials from eminent musicians throughout the United States and abroad, many of whom have tested these pianos for years, and without hesitation rank them among the leading instruments of the present day. The firm warrant every grand, square, or upright piano that leaves their warerooms, for a term of five years. Messrs. James & Holmstrom make a specialty of upright pianos, and are prepared to furnish upright instruments that will stand in tune as long as any grand or square piano ever manufactured, while in point of quality and quantity of tone, strength, elegance, and durability, these piano fortes are absolutely unrivalled in the United States or Europe. This responsible firm does not aim to compete with the so-called cheap pianos that flood the market, but desires only to furnish an instrument that will be a credit to the partners and a pleasure to the buyer; consequently the prices have been arranged as low as good workmanship and first-class materials will admit. Mr. James is a native of New York State, while his partner, Mr. Holmstrom, was born in Sweden, but has resided in America for the last quarter of a century. During the civil war, Mr. James enlisted in the Forty-fourth New York Volunteer Infantry, and served with credit and bravery from 1861 to 1865 in the Army of the Potomac. He was present at several important battles, and was noted for his devotion to the cause of the Union. Both gentlemen are highly esteemed by the community as liberal honorable, and conscientious business men, and their prospects in the near future in the piano trade are of the most encouraging and flattering character. They take pleasure in extending to any persons contemplating the purchase of a piano a cordial invitation to hear, see, and examine their splendid instruments before purchasing elsewhere.

DAVID MUNZ, Manufacturer of Bar Fixtures; Stores and Offices Fitted up; No. 214 West Houston Street.—A house engaged in the industry of interior cabinet decorations of the residences, stores, etc., of this city is that of Mr. David Munz. Mr. Munz was born in Württemberg, Germany, in 1837, but after serving a full term of apprenticeship at the cabinet-making trade, he came to the United States in 1864. Thoroughly understanding every branch of his business he established this enterprise in 1870 at No. 93 Mercer Street, and it was not long before his superior and elegant workmanship attracted the attention of the public, and his trade became so large that he was compelled to move into more commodious quarters, but the same good fortune followed him there, and after two subsequent removals he took up his present location in 1894. He occupies commodious premises which are especially adapted to the business, being fully equipped with all the latest improved machinery, tools, and appliances required in the business, including steam-power, and a force of from five to ten experienced and efficient workmen are employed according to the demands of the trade. He has built up a very extensive patronage throughout the city and vicinity in the production of bank, office, store, and saloon fixtures; also mirrors, refrigerators, beer coolers, etc. These are all made of any kind of foreign or domestic wood and in any design desired. The most scrupulous care is taken that no blemished or unseasoned materials are used. Wherever his skill has been required he leaves an enviable reputation behind him. He

E. VEYRASSAT, Manufacturing Jeweler, No. 77 Nassau Street.—The practical experience of thirty-five years amply qualifies Mr. E. Veyrassat to carry on the trade of a manufacturing jeweler with success and increasing prosperity, and since he established himself in this enterprise nearly ten years ago he has built up a widely extended and permanent trade. He occupies the fourth floor of a spacious brick building and gives employment to five able and experienced hands who are engaged in the manufacture of novelties in jewelry of all kinds, a specialty being made of diamond setting and the manufacture of spring bracelets. Repairing is also neatly executed in the least possible time, and all orders from patrons receive immediate attention and are filled with accuracy and despatch. Mr. Veyrassat is a native of New York where he has resided during his entire life, and is highly esteemed by all with whom he is brought in contact.

JAMES C. ORR, Enameler, Nos. 75 and 77 Nassau Street.—Twelve years ago Mr. James C. Orr originally established himself in his present line of business as an enameler, in the art of which he is thoroughly proficient, having had the practical experience of thirty years. Mr. Orr has, since the inception of the enterprise built up a widely-extended and permanent trade throughout the city and vicinity, and is one of the leading representatives of the enamellers' business in the metropolis. He occupies large and commodious quarters at the above address, and all



Early View of New York Harbor.

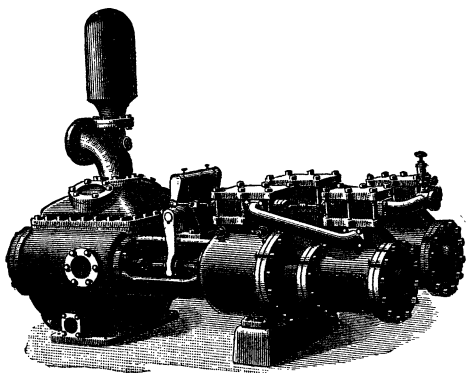
makes a particular specialty of bar fixtures, and his work is to be seen in some of our best saloons. Among them he refers to that of Mr. William Butler, No. 51 Carmine Street, and any of them may be justly considered as monuments to his genius and skill.

GEO. W. STEPHENSON, Gilder and Silver Plater, No. 210 Grand Street.—An important branch of skilled industry is that so ably represented in this locality by Mr. Geo. W. Stephenson, gold and silver plater, at No. 210 Grand Street. Mr. Stephenson is a native of Scotland, and a practical and skilful exponent of his dual trade. He came to this city in 1857 and five years later embarked in the enterprise with which he has since been both prominently and prosperously identified. The premises, 25x60 feet in dimensions, are admirably arranged for the purpose, and equipped with all the newest and best-improved machinery and tools, operated by a gas engine, and a corps of six skilful and experienced assistants is employed. Everything in the line of gilding and silver plating is executed in the best manner, particular attention being given to repairing and replating hotel and restaurant ware; also plumbers' materials, car trimmings, beer pumps, and harness trimmings, and the superior work and fair and equitable dealing of the establishment have secured for it an extensive and liberal patronage. Mr. Stephenson is a gentleman highly respected in all circles, and his success is but a natural reflex of his well-directed efforts in its promotion.

machinery used is operated by steam; three competent and careful assistants are employed, and all orders from patrons are promptly and satisfactorily fulfilled. Mr. Orr enamels on gold, silver, and fine jewelry, band bracelets, badges, etc., and makes a specialty of linen-finished buttons and studs. The work executed is first-class in every detail, and cannot fail to give satisfaction to the most fastidious taste; while the price of all labor is the lowest figure consistent with fair dealings. Mr. Orr is a native and a resident of Brooklyn.

JAS. F. ANGELL, Dealer in Fine Jewelry, No. 176 Broadway.—The inception of this enterprise dates back to 1873, when it was founded by the present proprietor, Mr. James F. Angell, at another address. For twelve years it has been conducted in the premises now occupied, and from the outset to the present it has been accorded a liberal patronage. The large salesroom located on the third floor is handsomely and attractively fitted up, and contains a very large and comprehensive stock of fine jewelry of every description in solid gold and plated. These goods are made to order by the most noted and most successful manufacturers in the trade, are obtained in large quantities at the lowest possible prices, and Mr. Angell is thus enabled to offer to dealers corresponding benefits. The trade carried on is wholesale only, and has its tributary area over all parts of the United States. Mr. Angell was born in Rhode Island, and has resided in this city for the past seventeen years.

HENRY R. WORTHINGTON, Steam Pumping Machinery, No. 145 Broadway.—In no branch of industry in the United States has more marked advancement been made than in the manufacture of steam-pumping machinery. This has been largely the result of the tendency of the age toward specialties in manufacturing, by means of which houses confined to the production of an article or piece of mechanism have reached a higher degree of excellence, than those producing many different kinds. In connection with these remarks special reference is made in this review of the industries and commerce of New York, to the representative and old-established house of Henry R. Worthington, manufacturers of steam-pumping machinery, etc., whose offices and salesrooms are sit-



uated at No. 145 Broadway and Nos. 86 and 88 Liberty Street. This business was established in 1845 by Mr. Henry R. Worthington, who conducted it till 1880, when he died after a long, honorable, and brilliant career. The business was continued by his partners, D. S. Hines and W. A. Perry, forming with his son, C. C. Worthington, the new firm. Recently Mr. Hines also died and since that time the surviving partners, Messrs. Perry and Worthington have continued the business under the old firm name of Henry R. Worthington. The Hydraulic Works of the firm which is the largest and best equipped of the kind in the world, and furnishes constant employment to over 750 workmen, is in Brooklyn, N. Y. The firm have likewise branch offices in Boston, Philadelphia, Chicago, St. Louis, San Francisco, and agencies in all parts of the civilized globe. The business is conducted in London, Eng., by the Worthington Pumping Engine Company, and in Paris by the Compagnie Worthington.

WHITE & KERR, Manufacturers of Harness, No. 13 East Twenty-seventh Street.—This useful branch of industry has a live exponent in this firm. Established in 1879, they occupy the store and second floor at above number, with an area of 25x70 feet, giving employment to from eight to ten hands, and carrying a very fine stock of all classes of goods in their line. Their trade is all within a radius of the city, and is of a very high class, fine goods being made a specialty. This house turns out some of the best sets of hand-made harness that are to be seen on our fashionable drives. Only the finest grades of material are used, and they are made by practical and skilled workmen. A large stock of harness, suited to all purposes, is kept constantly on hand. Saddles of all varieties and at all prices, bridles, bits, and surcingles of all makes and styles—and in fact everything can be found here that is manufactured in a first-class harness concern. They turn out a high order of goods, by which a first-class trade is built up, and the public have confidence in all goods they turn out, and patronize them accordingly. Of the members of the firm, who are both young men, Peter White was born in Ireland, and raised in the harness business; he has lived in this city since 1860, and is a thoroughly practical man. Benjamin Kerr, his partner, was also born in Ireland, and has lived in the city since 1864; he is a practical workman, and has gained the respect and esteem of the commercial community.

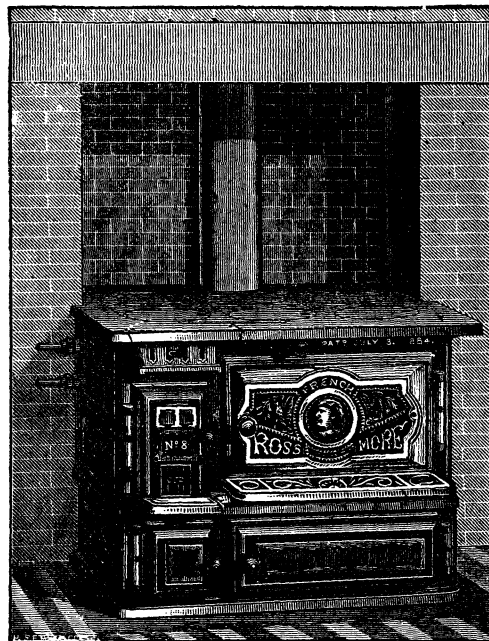
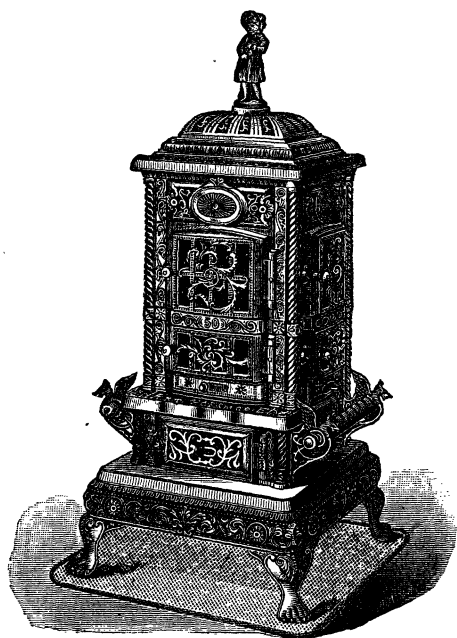
HENRY SCHMITZ & SON, Manufacturers and Dealers in Ranges, Cooking Apparatus for Hotels, Restaurants, etc., No. 506 Pearl Street.—Among those who have acquired a reputation for excellent work in this line in this quarter of the city may be named the pushing and popular firm of Henry Schmitz

& Son, manufacturers and dealers in ranges and cooking apparatus for hotels, restaurants, etc.; also copper, brass, tin, and sheet-iron workers, and steam and gas fitters. This thriving business was established in 1886 by the present senior member, who conducted the same alone up to June, 1887, when he admitted into partnership his son Adolph Schmitz, and thus constituted the firm whose name heads this sketch. They occupy a commodious store and basement, and carry constantly on hand a full and fine assortment of ranges, stoves, heaters, and cooking apparatus of every description; tin and sheet-iron ware of all kinds, copper and brass goods, kitchen utensils, household specialties, steam and gas pipe, fittings and kindred articles; while several expert workmen are employed. Copper, brass, tin, and sheet-iron work in all its branches is attended to in the most superior and prompt manner, and ranges, furnaces, and heaters are repaired and set in place, while steam and gas fitting also receive prompt and satisfactory attention. Mr. Schmitz the elder is of German birth, but has resided in this country over a quarter of a century, and is a practical and experienced workman, and prior to starting in business on his own account had been employed by Tillack of Centre Street for upwards of fifteen years.

JOHN STORK, Manufacturing Jeweler, Room 14, No. 142 Fulton Street.—For fine work in the manufacture of jewelry, few if any engaged in the business in New York enjoy a higher reputation than does John Stork, manufacturing jeweler, whose products have secured a firm hold on popular favor, and as a consequence are in steady and increasing demand in the trade all over the city and vicinity. Mr. Stork, who is a young man and a New Yorker by birth, is a practical and skilful jeweler, with fifteen years' experience. He started in business on his own account in 1880, and soon won his way to favor and patronage. The shop is ample, and completely equipped with the best facilities, including steam-power and the latest improved appliances, lathes and tools, while half a dozen expert hands are employed. The products include gold and silver novelties, presentation jewels, emblems, medals, badges, and jewelry specialties in great variety, in artistic designs and exquisite workmanship, an A1 assortment being carried constantly in stock, and all orders for the trade are executed in the most prompt and reliable manner.

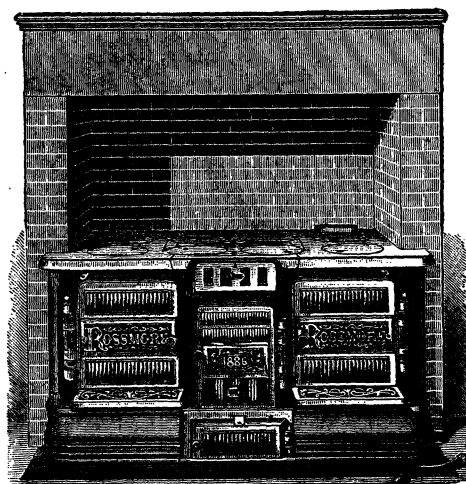
F. A. GARDNER, Light Machine and Metal Work, No. 108 Liberty Street.—During the period of its existence no establishment concerned in the manufacture of light machine and metal work has become more favorably known for the superior quality of the mechanism produced than that of Mr. F. A. Gardner, of No. 108 Liberty Street. Mr. Gardner founded his enterprise three years ago, and he brought to bear upon it ten years' practical experience. Mr. Gardner improves and perfects inventors' inventions and light machines of all kinds. Models are made to order and confidential commissions executed. He is agent for F. E. Reed's speed and screw-cutting foot-lathes, and various materials are shaped to suit exacting demands. All work undertaken is promptly executed and guaranteed to give satisfaction, while the charges in all instances are fair and equitable. Mr. Gardner is an enterprising, pushing young business man, and a native of the city. He served in Company H Seventh Regiment, N. G. S. N. Y.

CROWE'S Suit and Cloak Establishment, No. 257 Sixth Avenue.—This popular and representative mercantile establishment has been in successful operation since 1873, and has, by enterprising and reliable methods, developed a business of gratifying magnitude and importance. The premises occupied for trade purposes comprise a store and basement, 25x80 feet each, giving an abundance of room for supplying the most extensive demand. The stock of ladies' cloaks and suits is one of the largest and finest in the city. The number of garments sold by this house is very large, and the leading manufacturers of the country are represented in the stock, while the very best sources of European production have contributed to its wealth. Just at this season an elegant assortment of garments greets the eyes of visitors, including jackets and mantlets in every conceivable style and grade; plush garments, seal plush sacques, newmarkets in everything new and desirable, misses' and children's cloaks in great variety, from the cheapest to the finest, and seal sacques and fur garments of the finest and most desirable quality. Every inducement is offered to purchasers, both as regards superiority of stock and economy of prices.



ELY & RAMSAY, Manufacturers of Stoves and Ranges, Nos. 247 and 249 Water Street.—The attention that has been given during the last twenty years to the production of stoves and ranges, has demonstrated the fact that American inventive genius and mechanical skill are just as successful in this line as they have proven in many others. In short, in the manufacture of cooking and heating stoves, furnaces and fire-place heaters for coal or wood, the United States is far in advance of all the nations of the world. To mention even the leading popular patterns would fill a volume. A prominent and representative house in New York actively engaged in this useful and growing industry is that of Messrs. Ely & Ramsay, whose office and salesroom are situated at Nos. 247 and 249 Water Street. The foundry of the firm, which is one of the best equipped in the country and furnishes constant employment to a large number of skilled workmen, is in Peekskill, N. Y. This business was established seventeen years ago by the present proprietors, Messrs. Nathan L. Ely and D. S. Ramsay, both of whom are practical iron-founders, fully conversant with every detail and feature of the stove industry,

and the requirements of customers in all sections of the country. The New York warehouse is a superior six-story building, 40x100 feet in dimensions. The warerooms are always fully stocked with a splendid assortment of the firm's stoves and ranges, which are absolutely unsurpassed in this country for economy in the consumption of fuel, elegance of design, finish, efficiency, and general excellence. These stoves and ranges are offered to the trade at extremely low prices, and are considered by experts quite equal if not superior to the best in the market. Messrs. Ely & Ramsay fill all orders promptly and carefully, and their trade now extends throughout all the principal cities and towns of the United States, Canada, Mexico, Central and South America, West Indies, Australia, New Zealand and the known world. Mr. Ely is a native of New York, while Mr. Ramsay was born in Kentucky, but has resided in the metropolis for the last twenty-two years. Both in commercial and private circles they are held in the highest esteem, as honorable and able manufacturers, and liberal, public-spirited citizens, and business relations once entered into are sure to prove lasting and profitable.



C. **A. ZOEIBISCH & SONS, Importers of Musical Instruments, No. 46 Maiden Lane.**—The city of New York has long been the recognized trade centre of the United States for the supply of musical instruments, strings, etc., and, as our country has increased in wealth, population, and prosperity, so this branch of mercantile activity has developed in importance. A representative and old-established house in the metropolis identified with this growing trade is that of Messrs. C. A. Zoebisch & Son, importers and wholesale dealers in musical instruments, whose office and salesrooms are centrally located at No. 46 Maiden Lane. This business was established in 1841 by Mr. C. A. Zoebisch. His father, a manufacturer of musical instruments in Saxony, joined him in 1845, and they carried on the business together till 1866, when his father retired and his brothers and his son, Mr. C. T. Zoebisch, received an interest; now the business is carried on by Mr. C. A. Zoebisch and his son only. The premises occupied comprise three spacious floors 25 by 150 feet in area, which are fully equipped with every appliance and convenience for the display and accommodation of the extensive and well-selected stock. Mr. C. A. Zoebisch & Sons import direct from the most celebrated European houses all kinds of musical instruments, strings, banjos, guitars, accordions and musical boxes, etc., which are offered to the trade and private customers at the lowest possible prices. This responsible house is the depot for C. F. Martin & Co.'s famous guitars, while a specialty is made of brass and German-silver band instruments. A superior assortment of these instruments is kept constantly on hand, while they are also made promptly to order according to customers' directions. C. F. Martin & Co.'s celebrated guitars for the past fifty years have been the standard and only reliable guitar—used by all first-class professors and amateurs throughout the country. They enjoy a world-wide reputation, all attempts to imitate them having failed. They still stand this day without a rival, notwithstanding all attempts by other makers and dealers to puff up and offer inferior and unreliable guitars. Even the name—Martin—is used in various ways to profit by its reputation. Every genuine Martin guitar has the makers' full name, C. F. Martin & Co., clearly stamped twice inside the body; also on ticket on top (inside the case) stating size, and number of quality. All other guitars of similar name offered as Martin's, not so stamped, are not genuine. The Boehm flutes, J. B. Albrecht flutes, and H. F. Meyer flutes, and other musical instruments and specialties handled by Messrs. C. A. Zoebisch & Sons, have no superior in this or any other market, while they are general favorites with the trade and public wherever introduced. Mr. C. A. Zoebisch was born in Saxony, Germany, but has resided in New York for the last 47 years, while his son, Mr. C. T. Zoebisch, is a native of Pennsylvania. Both partners are highly esteemed in mercantile circles for their enterprise, business ability, and integrity, and their trade now extends throughout all sections of the United States.

O. **OTTO KORNE MANN, Importer of Peat Moss for Stable Bedding No. 14 Platt Street.**—Among the most active and enterprising general importers from Europe is Mr. Otto Kornemann of No. 14 Platt Street. There are few, if any, in the metropolis possessed of his wide range of practical experience, and his sound judgment in introducing goods specially demanded by the American public. A native of Germany, Mr. Kornemann has now been a resident of the United States, for upward of thirty-two years, and since 1877 has been actively engaged in business at his present stand as the leading importer of chemically-pure glycerine and glycerine for high explosives, the excellent standard of which is universally acknowledged. He has developed business of great magnitude with influential connections, both at home and abroad. He is the importer of the famous O. K. brand peat moss stable bedding, as yet a novelty in our country, though it has been in use for years past on the continent. A description of this article and its many virtues will prove highly interesting to all owners of horses, and those who keep themselves well informed upon the improvements of the age. Peat moss bedding is the only perfect article for bedding in the world; the manure is deodorized by it, thereby producing pure air, while horses' feet undergo a radical change, inasmuch as they become soft, and the universal verdict is that horses' feet rendered tender and inflamed by the stone pavements of cities are soothed and cooled in the most remarkable manner; horses also require less grooming, owing to the cleansing properties of the moss. From the economical point of view it has no equal, from one to two bales sufficing for one horse per year. Were these alone the only recommendations it would be

by far the best bedding in existence, but to them is to be added the important fact that the bedding when removed is the richest manure known, charged full of ammonia, worth from \$7.50 to \$25 per ton for the fertilizing material absorbed, while it keeps the soil moist for a longer period, after rain, than any other substance. Peat moss manure is one of the richest fertilizers known, and the demand far exceeds the supply. We recommend all horse owners, as well as managers of large stables, to send to Mr. Kornemann for his circular and testimonials, and test a sample bale of this truly wonderful bedding, now so rapidly replacing straw and all other substances there, for, Mr. Kornemann is a merchant of sterling integrity, and exercises a liberal policy, being worthy of the marked success achieved.

H. **H. KAYTON, Importer and Jobber in Spectacles, Opera Glasses, Watchmakers' and Jewelers' Materials, etc., No. 82 Nassau Street.**—Within a few brief years this house has succeeded in building up a trade of large proportions, and in attaining a front-rank position among the older houses in its line of trade in the city. Mr. H. H. Kayton, the proprietor, founded the enterprise in 1883, and brought to bear upon it a well-grounded and extensive business experience, and this with remarkable success. Mr. Kayton is a direct importer of and jobber in spectacles, opera-glasses and other optical goods, watchmakers' and jewelers' materials, tools, etc., roll plate and fire-gilt chains, charms, watch-guards, etc. He makes a specialty of handling Leaf Brand interchanging spectacles, pebble, pink, blue, smoke, and white crystal lenses. His premises comprise one floor, measuring 20x75 feet, and this is finely fitted up and suitably arranged for the business. A very extensive stock is carried, and the goods handled are the best and most reliable of their kind. Mr. Kayton has established advantageous relations with both foreign and domestic manufacturers in his line. The trade is exclusively wholesale, and the business of the house reaches to all sections of the country. Four clerks—all experienced men—and a staff of travelling salesmen are employed. Mr. Kayton is a gentleman of middle age, a native of Baltimore.

I. **ISAAC H. DAHLMAN, Empire Sale and Exchange Stables, Nos. 205 to 226 East Twenty-fourth Street.**—A representative and widely known house in its line in the metropolis is that so successfully conducted by Mr. Isaac H. Dahlman, whose Empire Sale and Exchange Stables are eligibly located at Nos. 205 to 226 East Twenty-fourth Street. Mr. Dahlman was born in Alsace, Germany, and came with his parents to the United States when eight years of age. He was brought up in the horse trade, and established his present business in 1849. The premises occupied are very extensive and admirably equipped, and have suitable accommodation for 550 horses. Mr. Dahlman handles horses of all descriptions, which are sold on reasonable terms; while the proprietor's long experience and unquestioned integrity are a sufficient assurance to intending buyers. He employs in his stables thirty experienced grooms and stallmen, and supplies many of the principal car companies in New York and the neighboring cities. Careful attention is paid by Mr. Dahlman to the selection of all animals. He sells them at the lowest market figures, and in short conducts his business on the most approved principles, extending every legitimate accommodation to customers. Personally, he is held in the highest regard by the community for his just methods, and is considered one of the most honorable and representative horse-dealers in the metropolis.

J. **B. LAURENCOT, Importer of Watch Glasses, Optical and Fancy Goods, Mathematical Instruments, French Clocks, Musical Boxes, etc., No. 33 Maiden Lane.**—This reliable and well-ordered house was established in 1869 by the gentleman whose name heads the sketch, and its history from the start marks a record of steady and substantial progress. The business premises occupy a neatly appointed 25x80 foot store and basement, and an extensive and A1 assortment is carried constantly on hand, while several courteous assistants are employed. The stock embraces imported watch-glasses, eye-glasses, spectacles, lenses, telescopes, microscopes, and optical and mathematical instruments in great variety; also fancy goods, art novelties, musical boxes, and an exceedingly fine line of French clocks in unique designs and exquisite workmanship, Mr. Laurencot being sole agent for the celebrated travelling clocks of Mess. Vve. De J. Soldano Fils, of Paris, and altogether the trade of the establishment extends throughout the United States. Mr. Laurencot was born in France, but has resided in this city since 1834.

S. RANSOM, Steam Heating, etc., No. 357 West Street.—The advance made of late years in all branches that pertain to the art of generating and supplying artificial heat on scientific principles is among the notable features that mark this age of progress. And in an especial manner does this statement apply to steam heating. Sanitary engineers, experts, and the highest authorities in medical practice having demonstrated by observation, comparison, and experiment, the advantages of radiant heat over that of conduction, the subject of heating dwellings, schools, and public buildings by hot water is one of surpassing interest to those contemplating the introduction of heating apparatus. The importance of having work of this character skilfully and reliably executed, therefore, goes without saying; and in this connection special mention ought to be made in this Review of S. Ransom, the well and favorably known steam and gas fitter, whose commodious and well-equipped establishment is located at No. 357 West Street, between Leroy and Clarkson streets, and who sustains an A1 reputation for judgment and skill in the steam-heating line, to which he devotes special attention. Mr. Ransom, who is devoted to his profession, and is a New Yorker by birth, is a thoroughly practical and expert workman himself, with long and varied experience in the exercise of his art, and has been successfully engaged in business on his own account for more than twenty years. Hot water as a medium for furnishing heat is preferable on many accounts to any other, alike as regards safety, comfort, efficacy, healthfulness, cleanliness, and, in short, every feature of merit, being completely exempt from danger by explosion, owing to the fact that the pressure on the heater itself is merely the weight of the water in the pipes. Another danger that can be absolutely guarded against by the hot water heating process is that of fire; and right here it may be remarked that Mr. Ransom makes a leading specialty of supplying the justly famous "Gurney Hot Water Heater," which is admitted by all persons competent to judge to be in all respects the most perfect, effective, and altogether superior apparatus of the kind yet invented; while he is prepared to put up the same in public buildings, green-houses, residences, etc., in the most excellent and expeditious manner, satisfaction being guaranteed in every instance. This apparatus is so simple as to be easily operated by the ordinary help employed in the family, or by members of the family, "the grate" being so constructed that it can be easily moved when loaded with fuel by a lady (or even a child) with one hand, and it completely cleanses by this movement the entire bottom surface of the fire. There are three front doors. These are used for cleaning the flues, only one being opened at a time: the entire surface, bottom, and top of each section can be readily reached and cleaned in a few moments, and so easily as to be accomplished by the members of the household, no professional assistance being required; and only one door being opened at a time the draft is in and not out as in most heaters; all ashes loosened either drop into the fire or are carried into the chimney. There is no dust in the room when cleaning the flues, and the doors being comparatively small the heating surface is not noticeably cooled during the process of cleaning. Particular attention is called to the fact that the fire can be maintained with but slight attention, it not being necessary to visit the furnace-room oftener than three times in twenty-four hours. Between the fire and the iron containing the water there is a lining of brick, by the use of which it has been demonstrated to the entire satisfaction of every one who has examined the apparatus, that perfect combustion is maintained throughout the entire fire-pot section. It is a well-known fact that this cannot be secured in the outside edges of a fire-pot in which there is no lining between the fire and the iron surface, which is exposed to the action of the water. This lining is made of iron-stone, which is so adjusted as to be practically indestructible, each section being independent of all others, each section of lining being dropped into a wedge-shaped chamber surrounded on three sides by water. The combustion is so perfect that the fuel used is wholly consumed, there being nothing to remove from the ash-pit but ashes, thus avoiding the necessity of sifting, and the results attained in the fire-pot and combustion-chamber are better than in any hall stove or furnace made in Canada or the United States where linings are not used. Mr. Ransom occupies spacious and ample business premises, which are supplied with full steam power and thoroughly equipped with the latest improved machinery, appurtenances, and facilities, including telephone connection (call, "spring 811"), while from thirty to forty skilled and reliable workmen are employed. Steam and gas, fitting in all their branches receive prompt and satisfactory attention, surface condensers and kindred appliances being carefully and skill-

fully repaired also, while everything comprehended in the steam-heating line is done in the very best manner that experience, science and skill can accomplish. Estimates on all classes of work in this line are promptly furnished upon application at the office. A complete and extensive assortment of steam, gas, and water pipe and fitting, sanitary devices, gas fixtures, steam heaters, radiators, coil screens, and kindred apparatus of every description is kept constantly on hand likewise, and altogether Mr. Ransom's patronage, which extends throughout the city and environs and all over the entire State, is exceedingly large.

DORLON & SHAFFER, Wholesale and Retail Oyster Dealers, Nos. 187 and 188 Fulton Market.—The firm-name of Dorlon & Shaffer is one of the most popular and the most widely known in the city of New York. The house has achieved an enviable reputation for enterprise, skill in its branch of trade, and honorable policy. The business was founded by Messrs. Dorlon & Shaffer in 1858. From the start they achieved great success, and rapidly developed a trade of great magnitude. The lamented decease of Mr. Dorlon occurred in 1873, and in 1884 Mr. George H. Shaffer sold his interest, the business passing into the hands of Mrs. C. S. Dorlon and Mr. T. W. Wilson, who have since continued the business under the honored title of its founders. They deal in oysters and clams both at wholesale and retail, including the serving of sea food, etc., in the most appetizing manner in their elegant restaurant, most centrally located at Nos. 187 and 188 Fulton Market. This is the popular down-town resort for oysters and clams got up in the correct style, also chops, steaks, etc. It is 25x80 feet, beautifully fitted up with marble-tiled floors, hard-wood wainscots, polished hard-wood tables, mirrors, etc., and is emphatically the leading chop and oyster house in New York. It is thronged all day long with ladies and gentlemen who appreciate the superior quality of the oysters here obtainable. This establishment is the best place for the purchase of oysters by the trade or consumers. Oysters are promptly put up for shipping in quantities to suit, while hotels, parties, and families get the choicest qualities at lowest rates; pickled oysters of superior excellence are a specialty. The trade developed is of great magnitude, and a large force of hands find steady employment. Dorlon & Shaffer have no branch establishment; this is their only place of business, and we can cordially refer our readers to it as the leader in its line. Mrs. Dorlon is a lady of fine business abilities and sterling worth, universally popular and respected, while Mr. Wilson is a merchant of sound judgment, vast experience, and thoroughly conversant with every detail of the trade; and under such favorable auspices Dorlon & Shaffer's will permanently maintain its supremacy.

A. FLAGLER & CO., Hardware Buyers and Manufacturers' Agents, 72 Reade Street.—Probably in no one branch of mercantile industry is the competition so great as in the hardware trade; and a house that has continued in action and successful business in this line for over a quarter of a century well deserves a position of prominence in a business review of the metropolis. Such is in brief the history of the well-known representative house which forms the subject of the present sketch. The business conducted at present under the above heading was founded as far back as 18— by Messrs. Walsh, Mallory & Co., who were succeeded later by Messrs. Walsh, Coulter & Flagler, they in turn by A. Flagler & Co., and upon the death of his partner in 1885 Mr. Flagler became sole proprietor of the enterprise, which he still continues under the old time-honored title. Mr. Flagler is a thoroughgoing progressive New York hardware merchant, and brings to bear a practical experience of thirty-seven years in the conduct of his business. The premises at No. 72 Reade Street, whither the business was removed two years ago, consist of a well-appointed office and a spacious and conveniently arranged salesroom, containing a full line of sample hardware specialties, for which Mr. Flagler is an extensive buyer and popular broker or selling agent. An old-established and voluminous trade is enjoyed, both domestic and export; and an important item of the business is comprised of filling heavy orders for government supplies in shelf and heavy hardware of every description. Mr. Flagler has been a prominent figure in metropolitan business circles for many years, having resided in the city since 1851, and in the interval risen from a minor clerkship to an influential position in the hardware trade. He was for some time at the head of the Flagler, Forsyth & Pierson Manufacturing Co., and has ever borne a high reputation for business acumen, integrity, and enterprise.

J. W. JOHNSTON, Shirt Maker, and Dealer in Hosiery and Men's Furnishing Goods, No. 379 Sixth Avenue, third door above Twenty-third Street.—This is a branch of the well-known and popular wholesale and retail gentlemen's outfitting establishment, No. 260 Grand Street. This branch was established in 1879, and its career from the outset has been a remarkably successful one. The store has a frontage of 25 feet and a depth of 60 feet, and its fittings and appointments are of a very neat and attractive character. The business is a brisk and extensive one, and calls for the constant employment of twelve assistants. The stock is a large and comprehensive one, and a fine display is made of men's jerseys and athletic suits, Cartwright & Warner's underwear, boys' shirts and drawers, all the latest novelties in neckwear, gloves, cuffs, collars, jewelry, dress-shirts, hosiery and gentlemen's furnishing goods of every description. The proprietor makes a specialty of the manufacture of fine dress-shirts to order. Six good shirts, ready-made or to measure, of Wamsutta muslin and good linen bosoms, are offered for \$9; and six dress-shirts of Wamsutta muslin and fine linen, ready-made or to measure, with laundry, for \$12. Night-shirts, 48 inches long, are offered at from 75c. to \$1 each. The patronage of the house is a very extensive one, and the business transacted is yearly on the increase. Mr. Johnston is a native of Ohio, is a vigorous, wide-awake business man, who gives his personal attention to all departments of his business and thus insures satisfaction.

R. ICHARD J. CULLEN, Wholesale Manufacturer of Window Shades, Jobber in Opaque Cloths, Hollands, No. 93 Warren Street.—A department of industry that has been brought to a state of unsurpassed excellence is that of the manufacture of window shades, and a prosperous house extensively engaged in this line in the city is that conducted by Mr. Richard J. Cullen of No. 93 Warren Street. Although young in the trade, having been established not longer ago than June 1886, yet this house has already acquired a representative position, and its goods are in active, steady demand throughout New York and the adjoining States. The premises occupied consist of an entire floor 20x75 feet in dimensions, admirably equipped with every convenience for the prosecution of the business, and employment is afforded a force of competent hands. Mr. Cullen is a general manufacturer of window shades of every description, and jobber in opaque cloths, Hollands, fixtures, cords, fringes, etc., and also manufactures awnings. His goods are made from the best quality materials, in the most careful manner, and an inspection will reveal them to be the finest of the kind in the market, while the prices are placed so low as to successfully meet all competition. Mr. Cullen is prompt in meeting all demands made upon his resources, and will be found an honorable, pleasant gentleman with whom to have dealings. He is a native and resident of Newark, N. J., has a wide business and social acquaintance, and is warmly regarded by all who know him.

A. LEX. CARSON & SON, House, Sign, and Decorative Painting, etc., No. 733 Greenwich Street.—Among the leading and best known firms engaged in this line on the west side of the city may be named that of Alex. Carson & Son, house, sign, and decorative painters, and dealers in wall-paper, window-shades and general painters' supplies, who enjoy an A1 reputation for fine work and reliable dealing. This flourishing enterprise was started in 1842 by John C. Carson (brother to the present senior member), who conducted it up to 1877, when, owing to his death, the business passed into the control of the present proprietors. They occupy a 25x70-foot store, and carry constantly on hand a large and first-class assortment of paper hangings, window-shades, hollands, paints, oils, colors, varnishes, window-glass, putty, white-lead, brushes and painters' materials of all kinds, while several expert workmen are in regular service. House, sign, and decorative painting in all its branches is executed in the highest style of the art, while paper-hanging, glazing, and kindred work likewise is promptly and excellently attended to; and altogether Messrs. Carson have an extensive trade.

A. BANTLE, Gold and Silver Electro-Plating, Nos. 130 Fulton and 89 Nassau Streets.—Mr. A. Bantle, the well-known gold and silver electro-plater of Nos. 130 Fulton and 89 Nassau Streets, sustains a well-earned reputation for fine work in his line. Although yet a young man, Mr. Bantle, who is a native and resident of Kings County, is a thorough master of the art in all its branches, and stands second to none in the business in this vicinity.

With ten years' practical experience, he embarked in business for himself in 1878, and from the first has received a very liberal and flattering patronage. The shop is compact, and is supplied with steam-power, electrical appliances and general appurtenances, while three expert hands are regularly employed. Gold and silver electro-plating in all its branches is done in the highest style of the art, all orders from the trade being executed in the most prompt and excellent manner, while replating and jobbing likewise are reliably attended to; and altogether Mr. Bantle has a very fine patronage throughout the city and environs.

M. CAIN & SON, Practical and Sanitary Plumbers and Gas Fitters, No. 503 West Fifty-second Street.—In the mechanical arts there is no branch of more importance than plumbing, gas and steam fitting. Among those who have gained an enviable reputation in this business in the upper section of the city Messrs. M. Cain & Son deserve special mention. The founder of this business and the senior member of the present firm, Mr. Michael Cain, came from his native isle of Ireland to this country in 1849, and in 1855 established the enterprise of which he is still the head at No. 868 Sixth Avenue, and from which location he subsequently removed to the present. In May, 1887, he admitted his son, Mr. Francis J. Cain, who is a native of New York, into partnership. Both members of the firm have spent the best years of their lives in the plumbing, gas and steam fitting trade, and they are each fully conversant with every detail of the business. The firm occupy suitable and well-equipped premises for the business. There is kept on hand a full line of plumbers', steam and gas fitter's supplies, brackets, etc., of the latest designs and patterns. Everything in the way of ventilating, sanitary plumbing, steam and gas fitting, is done, in which work from six to fifteen hands are employed. Contracts are entered into, and the complete fitting up of buildings of all kinds is carefully and satisfactorily executed. Sanitary plumbing is a specialty of this reliable house, and patrons can always implicitly rely upon the skill and ability of the proprietors, their long standing in the trade being a sure guarantee of their responsibility.

B. LAUVELT & CO., Meats, Fish, Poultry, Wild Game, Fruit, and Vegetables, corner Fourth Avenue and Nineteenth Street.—Among the leading and representative houses in its important branch of trade is that of Blauvelt & Co., dealers in all kinds of meats, fruit, vegetables, fish, poultry, and wild game. The spacious premises, conveniently finished and fitted up, are 25x75 feet in dimensions, perfect in their fixtures and appointments, and provided with all modern appliances for the successful transaction of the business. Neatness, order, and system are noticeable features; patrons are courteously waited upon by the proprietor and three experienced employees; orders are filled, the goods carefully packed, and delivered free of charge to any part of the city. The trade is large, permanent, and substantial, drawn from the best people in this part of the city, and therefore the goods carried have to be the best procurable. They carry a large and comprehensive stock, embracing choice selections of meats of all kinds, foreign and domestic fruits, vegetables in their respective seasons, the finest of game and poultry, together with the most select fish, oysters, clams, lobsters, crabs, terrapin, etc. It is an old stand, having been originally founded in 1874. The firm are well-known purveyors, and in building their trade have secured a reputation of a high order.

H. ENRY J. LINGG, Amber Jewelry, No. 66 Nassau Street.—Among the most attractive and prosperous business places which line this busy trade artery of the metropolis, will be found that of Mr. Henry J. Lingg, importer and manufacturer of amber jewelry. The commodious and tastefully fitted up premises are admirably suited to the business, and in the show-windows and by means of various attractive interior devices is displayed a large and varied assortment of jewelry and other articles in amber elegantly carved and finished up in many exquisite and beautiful designs. Mr. Lingg was born in Germany, but has resided for the greater part of his life in this city. He early acquired an expert knowledge of his trade, and in the early part of 1883 established at the present site. Mr. Lingg employs several skilled artisans in the prosecution of his enterprise, and gives his personal attention to the manufacture of the many beautiful novelties displayed in his sales-room. Through the high artistic and mechanical excellence of his work he has achieved an enviable reputation in the trade.

WOOD & HUGHES, Sterling Silverware Manufacturers, No. 16 John Street.—In no branch of industry in the United States have more rapid advances been made than in the manufacture of sterling silverware. For many years, especially for the finer and more artistic productions, we were compelled to look to Europe for our supply, but to-day American silverware is quite equal if not superior in excellence of workmanship, beauty of designs, and cost of manufacture to the best goods made in foreign countries. A representative and old-established house in New York actively engaged in this important industry, is that of Messrs. Wood & Hughes, whose office and salesrooms are located at No. 16 John Street. The firm's factory, which is spacious and admirably equipped with all the latest improved apparatus, appliances, and machinery known to the trade, is situated in Abingdon Square, New York. Here skilled and experienced workmen are employed, and the machinery is driven by steam power. This business was originally established in 1821 by Wm. Gale, who was, after certain changes, eventually succeeded in 1833 by Gale, Wood & Hughes, and in 1845 by Wood & Hughes, under which firm name the business has been since conducted. The individual members of the present copartnership are Messrs. S. T. Fraprie, Henry Wood, and D. G. Hughes. Messrs. Fraprie and Wood were employed in this house when boys, and eventually were admitted into partnership, the former in 1850, and the latter in 1864. Mr. Dixon G. Hughes is a son of one of the original founders, and became a member of the firm in 1864. The partners are thoroughly practical and able silversmiths, fully conversant with every detail and feature of this valuable and unique industry, and the requirements of the trade and public. Within the scope of this necessarily brief article it is impossible to give an accurate description of the splendid sterling silverware manufactured by this popular and reliable firm; but it is sufficient to state that their goods and specialties are unequalled for quality, beauty, design, and workmanship by those of any other first-class establishment in America or Europe. The firm fill all orders promptly at the lowest possible prices, and their trade now extends throughout all sections of the United States and Canada. Mr. Fraprie was born in Massachusetts, and Messrs. Wood and Hughes in New York. Enterprise, skill, and integrity have marked the career of this noted house in the past sixty-seven years, and give ample promise of long continued success and prosperity in the future.

L. STRAUS & SONS, Importers of China, Pottery, and Glassware, etc., Nos. 42 to 48 Warren Street.—The development of the trade in china, pottery, and glassware, and of the most elegant bronzes, clocks, etc., is indicative of the refined and appreciative tastes of the American public. The representative house in the United States engaged in this important and rapidly increasing business is that of Messrs. L. Straus & Sons, whose extensive salesrooms in New York are located at Nos. 42 to 48 Warren Street. The firm have likewise establishments in Ely Place, London, England; Paris, 16 Rue d'Enghien, Yokohama, 28 Water Street; while their factories and works are situated in Limoges, France; Rudolstadt, Thuringia; Steinschönau, Bohemia; and Carlsbad, Bohemia. This business was established in 1855 by Mr. Lazarus Straus, who eventually admitted Messrs. Isidor, Nathan, and Oscar S. Straus, and Lazarus Kohn, into partnership, the firm being known by the style and title of L. Straus & Sons. The firm employ one hundred salesmen, operatives, etc., in New York, and seven hundred hands in their factories abroad. The premises occupied in New York comprise a spacious six-story and basement building 100x100 feet in dimensions. The salesrooms are admirably equipped, and are fully stocked with a splendid assortment of china, pottery, and glassware, clocks, bronzes, and artistic metal goods from all countries. Messrs. L. Straus & Sons are the largest direct importers of pottery, china, etc., in America, their goods being unrivalled for quality, elegance, reliability, and uniform excellence, while the prices quoted by them are lower than those of other contemporary houses. A thorough system of organization is observable in every department; the partners give close personal attention to every detail, and are always alive to their patrons' best interests; while they are noted in commercial circles for their enterprise, energy, and honorable business methods. Mr. L. Straus, the senior partner, was born in Germany, but has resided in America for the last thirty-six years. He is now seventy-eight years old, and has ever been noted as an active supporter of all measures conducive to the benefit and welfare of his fellow-citizens. Mr. Isidor Straus is a director of the Hanover National Bank, and Mr. Oscar S. Straus was appointed Minister to Tur-

key by President Cleveland. The house of L. Straus & Sons is still in the van of progress, adding to ripe experience the best facilities and large capital, and at the same time thoroughly covering every branch of this important department of business activity.

JOSEPH H. SEED, New York Hasp Lock Works, Nos. 41 and 43 Centre Street.—The business of this house was founded six years ago by Mr. Joseph H. Seed, the present proprietor, and under his intelligent, energetic direction a large and constantly growing trade has been developed, and the productions of the establishment are coming into rapidly increasing demand in all parts of the United States. The works are equipped with the newest modern machinery applicable to the required purposes, the operating force being supplied by steam-power, and employment is afforded a force of skilled workmen. Mr. Seed manufactures hasp locks of every description, but his leading specialty, however, is the



manufacture of the Reversible, Self-cleansing Water Filters invented, patented, and owned solely by him. Seed's Reversible and Self-cleansing Improved Water Filter is made of brass, nickel-plated, with two perforated strainers inside, and filled with the best filtering material that will not foul as other filtering materials do. The filter can be attached at either end to the faucet, and is constructed to screw on the regular-sized hydrant. Where smaller-sized faucets are used, rubber attachments are provided, one with each filter; in case the size is not correct, an extra one will be sent free on application by postal to the manufacturers. It is specially adapted for water-coolers, bath-rooms, bed-rooms, club-rooms, hotels, kitchens, and is the best and cheapest reversible self-cleansing water-filter ever offered, and fits any faucet, screw or plain. This filter is the simplest, most efficient and durable article of the kind ever invented; and it is being extensively adopted not only in all parts of this country, but also in South America, the West Indies, and elsewhere. A sample one mailed free for 50 cents by the manufacturer from his works, 41 and 43 Centre Street New York. Another specialty controlled by Mr. Seed is the "Matchless Self-Lighting" gas-burner, which, for convenience, economy, utility, and safety, is believed to be the best of the kind in the market, and an absolute safeguard against escapes as well as accidents or fires caused by the careless use of lighted matches or paper in the hands of servants, children, and others. These burners are highly finished and nickel-plated, the price being \$1.00, and mailed free on receipt of price. The wholesale trade can have their orders filled promptly on the most advantageous terms, and are sure to find the goods of this house most profitable to handle.

GEORGE H. BUCKWELL, Harp Manufacturer, Nos. 1266 & 1268 Broadway.—Of all the musical instruments now in use, there is none more ancient, or which has through the ages maintained greater popularity, than the harp, and from long before the time that David sounded the reverberating chords before King Saul, its music has fallen in soft, pleasing cadences upon appreciative ears. A complete history of the many eventful scenes in which the harp has played a prominent part, would require volumes to tell. The purpose of the present sketch excludes from its scope the briefest summary of such a work. But it is our pleasant task to lay before our readers a few words regarding one of the oldest and best known harp manufacturing houses in existence, and one that has its headquarters in this city. We refer to the establishment of Mr. Geo. H. Buckwell, of Nos. 1266, 1268 Broadway. The foundation of this concern dates back to 1810, when it was established by J. F. Browne & Co., who continued it until 1841, when the firm became Browne & Buckwell, this latter copartnership existing until 1870, when the present proprietor succeeded to the entire control. The instruments of this house have long since become famous throughout the civilized world, and have won encomiums of the highest praise from the most eminent musicians. In substantiation of this statement we append the following extract from N. C. Bochsa's History of the harp, published in 1854:—"Of all the harp makers that followed Sebastian Erard's career, none have been more successful than Messrs. J. F. Browne & Co., of London and New York; and they well deserve all the praise given to them, as their harps are excellent in tone, correct in modulation, and highly finished. I never played upon any harp which keeps so well in tune in hot and crowded rooms as that of these eminent makers. The judicious length of the strings also, prevents their breaking, while imparting great fullness of tone to the instrument; and I may safely certify that no harp can give more satisfaction than Browne's grand gothic concert double action, with vibrating basses, made by him in New York." Following are the testimonials of a few of the artists who have been delighted with these harps:—Messrs. Browne & Buckwell: Gentlemen.—After a trial of your harps for twenty years, I take pleasure in stating that I have uniformly found them to be of brilliant tone and of fine workmanship, equal to any of European manufacture, and surpassing them in withstanding the climate of America, which is so destructive to European instruments. Wishing you every success, believe me, truly yours, Alfred F. Toulmin, New York, March 20, 1875. Mr. Browne: Dear Sir.—I write to express the delight I experienced in performing on one of your harps, at Sig. Casella's concert in this city. The mechanism is perfect, and the quality of tone certainly superior to any harp I have heard for many years. I remember my old master, Bochsa, always gave the preference to your harps; indeed, he himself used no other. Yours, most truly, H. G. Trust, Philadelphia, March 4, 1844. Mr. J. F. Brown: Sir.—I have much pleasure in saying that the harp of your make I performed on at the St. George's society concert is, in brilliancy of tone, touch, and elegance of workmanship, the finest I ever played on. The Grand six-and-a-half gothic double action is a most splendid improvement. Yours, with respect, Elizabeth Sloman, New York, January 16, 1845. Messrs. Browne & Buckwell: Gentlemen.—I have much pleasure in testifying to the excellence of the harps manufactured by you. I consider them, in every respect, good instruments; but in their ability to withstand the changes of this variable climate, they are unsurpassed. I am, gentlemen, faithfully yours, Adolphus Lockwood New York, April 10, 1875. The harps are artistically finished while their action and tone are perfect. Every instrument is sold under a guarantee to be exactly as represented, while the fullest inspection is allowed before purchasing. The house also deals in strings, music, desks, cases, etc., and pays particular attention to repair work. The esteemed proprietor of this establishment, Mr. George H. Buckwell, was born in England in 1833, but has resided in the United States since 1864, and during the subsequent period, with but little exception, has been a resident of this city.

ASHLAND HOUSE, Corner of Twenty-fourth Street and Fourth Avenue: H. H. Brockway, Proprietor.—Among the numerous first-class hotels surrounding Madison Park, the Ashland House is very central for business or pleasure to city visitors. The Elevated Railroad stops at 23d street station in the

midst of places of amusement and fashionable retail and wholesale stores, while the 23d street cars bring passengers to the door. The 4th avenue line of cars likewise passes the house, going down town to the general post office and Brooklyn bridge. The Crosstown cars also carry guests to and from Erie and Coney Island Railroad depots, etc. Passengers going from or going to the West Shore Railroad take the 42d and Grand Street Ferry Railroad, known as the green car line, which passes the hotel at 23d street and 4th avenue. In fact the location of the Ashland is unsurpassed for convenience. The building is five stories high, having a frontage of 100 feet on both 4th avenue and 24th street. The Ashland contains one hundred and forty-eight rooms, and can comfortably accommodate two hundred and seventy-five guests. The halls and corridors are spacious and convenient, while all the rooms are commodious, handsomely furnished and elegant fixtures and upholstery. The sanitary arrangements are complete and the means of escape in case of fire are perfect. One of the chief attractions of the Ashland is its first-class restaurant, second to none in the city. The house being conducted on the American and European plans, guests have the choice of rooms with or without board. The prices are: Rooms with board, \$2.00, \$2.50 and \$3.00 per day; rooms without board, \$1.00 and upwards; breakfast, 75 cents; lunch, 50 cents; dinner, \$1.00. The present proprietor, Mr. H. H. Brockway, has had thirty-one years experience in hotel keeping, ten of which were spent in the City Hotel, Cleveland, Ohio, and twenty-one years in the Ashland. Mr. Brockway is a native of Concord, N. H., and is highly regarded by the community.

J. C. RAPPLEYEA, Furnishing Undertaker and Florist, No. 654 Sixth Avenue, South-east Corner of Thirty-eighth Street.—One of the most prominent among the old established furnishing undertakers and funeral directors in the city is Mr. J. C. Rappleyea, who has continued in the calling since 1854 and has always faithfully performed the duties connected therewith to the entire satisfaction of bereaved relations and friends. He is careful and considerate and takes entire charge of affairs from the house to the cemetery and when desired, procures interments in any of the burial places in the city and vicinity. Mr. Rappleyea is peculiarly fitted for the calling of the undertaker and is held in high esteem as one of the most capable and efficient gentlemen in the vocation, commanding a leading position among the most prominent undertakers in New York. Caskets, coffins, and funeral furnishings are provided, and also hearse and carriages and immediate attention is given to all calls, either day or night. As the courteous, polite, attentive sexton of the Church of the Transfiguration, Rev. G. H. Houghton, D. D., rector, Mr. Rappleyea makes all the arrangements for funerals and weddings and furnishes awnings, camp stools, chairs, etc., and also wedding cards, notices, etc., which are delivered by competent persons and also provides flowers and floral emblems and floral devices for weddings, funerals, churches, etc. Mr. Rappleyea is a native of New Jersey, but for many years a resident of the city of New York.

JACOB KLEIN, Wagon Builder, No. 218 East Twenty-ninth street.—This gentleman founded his enterprise in 1858, since which period he has developed a large and flourishing trade owing to the superiority of his goods, which are shipped to all parts of the United States and have given the highest satisfaction and deserved praise whenever introduced. Mr. Klein is part owner of L. Rodenhawsen's celebrated Excelsior Chute and Dump Wagons, for delivering coal, lime, sand, brick, etc., and manufactures them in large numbers. Mr. Rodenhawsen conducts a similar industry in Philadelphia. These wagons are made of the best materials by trained workmen, possess numerous patented improvements, and are unsurpassed by any other wagons designed for similar purposes now in the market. The factory is a spacious three story building, having dimensions of 25x50 feet, admirably fitted up throughout with every convenience and appliance, for the successful prosecution of work, and constant employment is afforded ten skilled hands. Their operations are conducted under the personal superintendence of Mr. Klein, who has had forty years' experience as a wagon builder. An extensive stock is carried to meet the demand, and all orders are filled promptly. Mr. Klein was born in Germany in 1832 and came to the United States thirty-five years ago, and has resided in New York since his arrival.

O. WIGAND & SON, D. C. CROCKER,

Bookbinders,

Artistic Printing,

UNIVERSITY PLACE

(S. W. corner Tenth Street).

No. 1 WINTHROP PLACE.

In no special department of industry has more substantial perfection been arrived at than in bookbinding, and the handsome and numerous volumes that fill the shelves of the modern library bear ample testimony on this point. A house engaged in this line which is widely and honorably known to the trade and the public throughout this country is that of Messrs. O. Wigand & Son, whose establishment is located in University Place, southwest corner of Tenth Street. The business of this house was founded in 1852 by Mr. O. Wigand, who has, since the time of his arrival in this country in 1849 from his native land—Germany,—been actively following the bookbinding trade. He met with substantial public recognition from the first, and has developed a very extensive trade. During the present year he admitted to partnership his son, Mr. G. A. Wigand, who is a native of this city, and has had ten years' experience at his vocation. The premises occupied have an area of 35x95 feet, are fitted up in the most approved manner with all necessary machinery and appliances, and steam-power is used in the operations of the same. Employment is given to from twenty to thirty expert hands, and bookbinding in all its various branches is carried on, while in the matter of prices the house can fully compete with any contemporary concern. The Messrs. Wigand are prompt in all their engagements, honorable in their methods, and liberal in their policy, and any transactions had with them cannot fail to result satisfactorily.

A. LOEWENBERGER, Importer and Manufacturer of Pipes and Smokers' Articles, No. 74 Murray Street.—This thriving and prosperous business was established about nine or ten years ago, and from the inception of the venture Mr. Loewenberger has enjoyed a large and substantial patronage. Carrying only the finest class of articles, strictly honorable in his dealings, and being withal thoroughly conversant with the trade, the result could scarcely have been other than the well-merited success that has attended his efforts from the start. The business premises occupy a 20x75-foot floor, and are neatly fitted up and tastefully arranged, and a heavy and A1 assortment is constantly carried on hand. The stock includes elegant meerschaum pipes in artistic designs and exquisite workmanship; also handsome brier pipes in every style and variety, handsome cigar holders, beautiful amber pieces, tobacco pouches, cigar cases and a full and fine assortment of everything comprehended under the head of "smokers' articles," while several competent assistants are employed, and the trade of the house, which is wholesale exclusively, extends all over the United States. Mr. Loewenberger was born in Germany.

O. TTO HANN, Importer and Manufacturer of Glycerine, Dye-stuffs, Imperial Leather Black, and Chemicals, No. 268 Water Street.—Among the most enterprising and old-established houses engaged in New York, in the importation and sale of chemicals and dye-stuffs, is that of Mr. Otto Hann. This business was established in 1862 by Louis Pokorny, who conducted it till 1878, when Mr. Hann succeeded to the management. The store is commodious, and is fully stocked with a superior assortment of glycerine, dye-stuffs, imperial leather black, and chemicals. Mr. Hann fills all orders promptly and carefully, and his trade now extends throughout all sections of the United States and Canada, and is rapidly increasing in consequence of the superiority and reliability of his products. His connections in Europe are of a most influential character, and as he imports direct, he is enabled to offer his patrons inducements in the prices of dye-stuffs and chemicals, very difficult to be secured elsewhere in the metropolis. Mr. Hann was born in Austria, but has resided in New York for the last sixteen years.

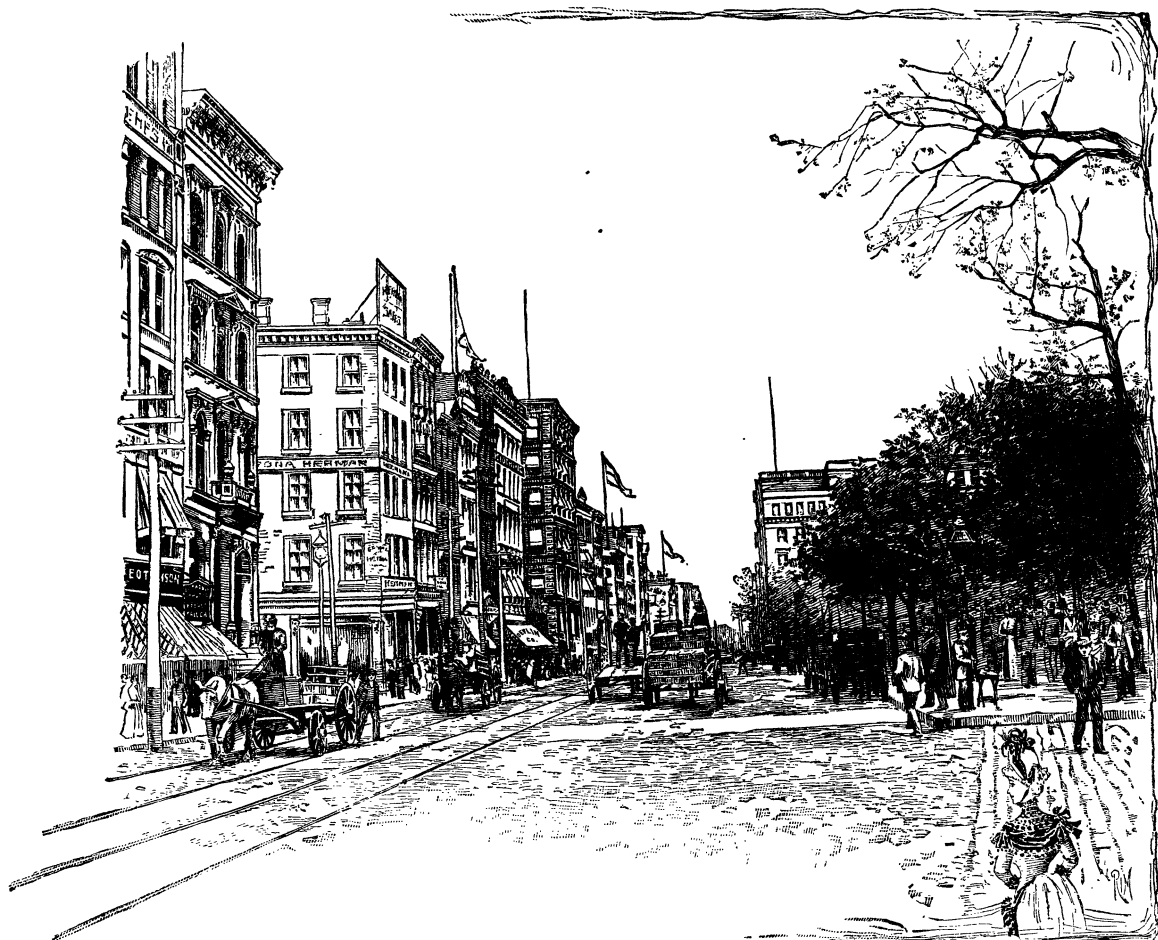
One of the most artistic printing offices in the city can be found at the above address. The house has been quite recently established, but already occupies a basement, store floor, and third loft, covering an area of 75x80 feet, and gives employment to twenty or more skilled workmen. The presses are new, with all recent improvements—two No. 1 Campbell book, one Hoe cylinder, three job presses, and one Peerless cutter—the whole run by steam power from an eighteen horse-power boiler with twelve horse-power engine put in by the proprietor. There is a large and varied stock of book type, with over four hundred fonts of latest style job type. The trade is principally city, and strictly first-class, corresponding with the fittings and fixtures, nothing being allowed to leave the office that is not artistic both in display and design of type and setting. The press-work is perfect, and, taken in its entirety, the printing turned out by this office reflects credit on every one concerned, but more particularly on the proprietor, Mr. Crocker, who displays a taste and originality seldom found in the so-called "artistic" printing offices. With an experience of over thirty years, he has not only kept pace but actually gone in advance of the times, and he is now reaping his reward. The public soon find out a man's merits if they are not "hid under a bushel," and this concern's work is the best advertisement it can put out, and those looking for a fine grade of printing soon find out where it can be had. Mr. Crocker is a native of Massachusetts.

W. ILLIAM SCHLINGLOFF, Senior, Manufacturer of Paper Boxes, Sample Cards, and all kinds of Sample Boxes, Office Boxes, etc., No. 120 Fulton Street.—A representative establishment in its line is that of Mr. William Schlingloff, Senior, the well-known manufacturer of paper boxes, sample cards, and all kinds of sample boxes, office boxes, etc. Mr. Schlingloff began business on the opposite side of the street in 1854, and there he remained until 1879, when he removed to his present premises. Here he occupies the fourth floor, which is 25x100 feet in dimensions, and fitted up with all the latest improved mechanical appliances pertaining to the trade. The product embraces paper boxes of all sizes and descriptions suited to the various uses to which they are applied, and the methods of manufacture are such as can only apply to those who thoroughly understand the business in all its details, and who are intimately acquainted with the requirements of the trade. A force of ten hands are constantly employed, and the output is noted for its simplicity and durability of construction, and for all those points of excellence that find due appreciation from the trade wherever introduced. A large and complete stock is constantly carried to meet the demands of patrons, and a first-class and permanent trade has long been established throughout the entire state. Mr. Schlingloff was born in Germany, and has resided in this city since 1846.

J. C. STILWELL, Manufacturer Ladies' and Gents' Slippers, No. 132 Duane Street.—This gentleman began business in 1885, in company with Mr. F. H. Hobbs, the firm prosecuting general transactions as manufacturers and commission merchants in boots, shoes, and slippers, until January, 1888, when they separated, and Mr. Stilwell is now engaged in the production of the finest class of slippers for ladies' and gentlemen's wear. He employs a force of skilled mechanics, utilizes the most carefully selected materials, and the goods turned out of his manufactory are remarkable for their fine evenness of finish, beauty, symmetry, and fashionable, tasteful appearance. Mr. Stilwell is prepared to meet the wants of the trade and the public on the most favorable terms. A native of Yonkers, Westchester County, New York, Mr. Stilwell has become favorably known since his advent into this city.

DEVLIN & CO.,

CLOTHING AND FURNISHING GOODS, 258 AND 259 BROADWAY, CORNER WARREN STREET.—It is reserved for the old-established and influential house of Messrs. Devlin & Co. to retain the honored distinction of completely revolutionizing the American trade in fine clothing, and to introduce methods and spirit of enterprise as to permanently maintain the lead in their line. The business was founded by Mr. D. Devlin in 1843. The first location was at the corner of John and Nassau Streets. From comparatively small beginnings the business rapidly grew in volume, and later the firm became that of Devlin, Hudson & Co. It was in 1854 that they removed to their present magnificent location facing the City Hall Park and Court House, and central to all the arteries of city and out-of-town travel. The firm-



Broadway North from Post Office.—Devlin & Co.'s Clothing House, Cor. Broadway and Warren Street.

name was subsequently changed in 1860 to that of Devlin & Co., which has since been permanently retained as the honored familiar title of the great leading clothing house of America. This firm has ever been noted for a progressive spirit of enterprise. Its partners in the past and now are men of superior abilities, who have made a close study of the policy to be pursued *most favorable* for the public at large. Their ready-made clothing has *ever* been noted for superiority in style, make, and quality, and for being more economical in price. Back in the 'fifties this house led off in the new feature,—one involving the highest law of trade,—viz., establishing a tariff of profits on the sound basis that the lower the tariff the greater the consumption. In the words of the firm, when they first made the

announcement, "the percentage will be uniform throughout, and brought down to the lowest point of a wholesale commission on their entire retail and merchant-tailoring stock," the other clothing houses were startled: their cherished policy of getting the highest price they could was now forever shattered, and the pioneer in this great reform has ever since permanently maintained the lead, not only as regards its scale of prices, but in every other feature appertaining to the fine clothing trade. The firm is now composed as follows: Mr. Jeremiah Devlin, Mr. George H. Daley, Mr. William C. Phelps, and Mr. George A. Jones. They are severally and jointly thoroughly qualified to maintain their house so far in the lead as to be practically without a competitor. Mr. J. Devlin was the junior partner of the original firm, and brother of the late Mr. D. Devlin. He is a native of Ireland, in boyhood came to New York, and early in life embarked in the trade in which he has achieved such a distinguished success. His has been an honored and useful mercantile career. Ever solicitous of the public's interests, he has been unremitting in introducing those improved methods which stamp his house to-day as the most progressive and reliable of any in the city. Mr. Devlin is a respected and influential citizen, and is a trustee of the Emigrant Savings Bank. Mr. George H. Daley was born in New York State, and has been actively identified with the house for over a quarter of a century. Few, if any, can refer to a larger or more influential circle of friends and patrons. He has been an active and able member of the firm since 1884. Mr. William C. Phelps is a native of Connecticut, and for twenty-six years has been a salesman with this house, and esteemed for energy and ability. He has been in partnership since 1885. Mr. George A. Jones was born in New York, and has had a connection dating back twenty-four years. He is a valued accession to the firm, dating back to 1885. In this connection he is widely known as a veteran of the famous Seventh Regiment, having been an active member thereof for twenty years past,—in Company B,—and was lieutenant of same from 1875 to 1886, winning the respect and esteem of all his comrades. The firm occupy the entire magnificent marble building Nos. 258 and 259 Broadway, corner of Warren Street, five stories and basement in height, 50 by 100 feet in dimensions, and appropriately and elegantly fitted up throughout—the most perfectly equipped and well-arranged clothing house in New York. The firm supervise everything direct, are leading importers of the newest fashionable fabrics, and employ only the most skilful and experienced cutters. All trimmings, linings, etc., are the best. From 200 to 250 of the best hands are employed, and all work is thus fully guaranteed. Their immense stock of clothing is so replete with various sizes as to enable *everybody* to be fitted; while the prices, *quality considered*, cannot be duplicated elsewhere. The firm also have a department devoted to fine custom tailoring, where gentlemen can select their materials in the piece, from a stock larger than many wholesale houses carry. Thus the most fastidious can suit their tastes, and for a small advance over ready-made prices have the goods promptly made up. They cannot wear better than the ready-made garments down-stairs; but the customer can thus have embodied any of his own suggestions, and is insured a faultless fit and highest finish. There is a complete stock of furnishing goods here also—far superior in elegance and quality to that carried in ordinary stores, yet marked at lowest figures; and the public can best and most economically buy their clothes and do their outfitting in this great representative establishment—the ablest exponent of the clothing trade of America.

F. & S. E. GOODWIN, HOUSE MOVERS,

Office and Yard,
515, 517, 519 and 521 East 17th Street,
Between Avenues A and B, NEW YORK.
Residence, 221 East 19th Street.

Buildings of all descriptions Raised, Lowered, Moved, and Shored up; all Bad Foundations and Weak Buildings properly secured; Iron Girders and Columns furnished and set; Wood and Iron Wedges for sale.—Screws and Derricks to let.

ALL WORK EXECUTED WITH CARE AND DISPATCH.

C. D. PEASE & CO., Manufacturers of Grand, Square and Upright Pianofortes, Nos. 314, 316, 318, 320 and 322 West Forty-third Street.—The firm of Messrs. C. D. Pease & Co. established in business fifteen years ago, and during the intervening period have achieved marked success and an enviable reputation as manufacturers of the finest pianofortes placed upon the market. The claims of the Pease piano to the patronage of the public are numerous and important. In the first place, Mr. C. D. Pease, the head of the house, is a manufacturer of vast practical experience, acquainted with every detail of the construction of the modern pianoforte. His factory is one of the largest industrial establishments in the city, centrally located, at Nos. 314, 316, 318, 320 and 322 W. 43rd street, near Eighth avenue. It is a substantial eight-story structure 60x100 feet in size, with handsome ware rooms, known as the Pease Buildings, adjoining. It is fitted up throughout with the latest improved machinery and appliances, and one hundred and sixty hands find steady employment, the capacity of the establishment being upwards of three thousand instruments per year. Mr. Pease selects all the materials used in their construction with the utmost care. The best only of seasoned woods, highly tempered steel and iron, extra heavy felts, the finest wire, the most substantial sounding boards, and improved actions are found here, while the most skilful piano makers are employed at the highest wages. When, in addition, it is realized that these pianos are abreast of the times in every phase of improvement and perfected construction. They are worthy of their high reputation for richness of tone, the fullest, most sonorous and pure of any make, while they are perfect in action, and of remarkable durability, remaining in tune and good order for the greatest length of time, and are in fact far beyond comparison the best piano for the trade to handle, and the public to use. There have been made and sold during the last thirteen years, no less than, 40,000. Pease pianos to-day giving most perfect satisfaction, and the surest guarantee of the standard excellence of these widely known instruments. Messrs. Pease & Co. are constantly bringing out new styles, and their new uprights are the most beautiful and serviceable in the market. When desired they are provided with the firm's new patent glass fronts, the panels being furnished in any desired color or combination of colors, that is preferred by the purchaser. This change from the old fashioned sawed fret-work fronts is immensely popular. The German Silver Octave Rails used in these pianos is a patent of Mr. Pease which is used by many manufacturers from whom he receives a royalty. The Pease pianos are standards with the pianoforte trade of the United States, and for the convenience of parties residing at a distance from New York, the firm issue a beautifully illustrated descriptive catalogue, containing exact cuts of each style of piano, so that selections can safely be made by the pictures, the firm, noted for their sterling integrity and responsibility, pledging themselves to select the instruments personally doing as well, if not better for buyers, than if they stood in the warerooms bewildered amid the scores of beautiful pianos, each one equally worthy of attention. Our city readers will be made welcome there and can test the merits of the Pease piano and recognize its claims to consideration as the best type of American achievement in this branch of industry.

R EILLY BROTHERS, Manufacturers and Dealers in Painters' Wood and Metal Sundries, Nos. 416 and 418 West Forty-second Street.—A representative and successful house in the metropolis actively engaged in the manufacture and sale of painters' wood and metal sundries and factory utensils, is that of Messrs. Reilly Bros., whose office and salesrooms are centrally situated at Nos. 416 and 418 W. 42d street. This business was established in 1879 by the present proprietors, Messrs. Terence F. and Richard S. Reilly, both of whom bring great practical experience to bear, and have already made many improvements in articles and specialties for painters' use. The premises occupied comprise three commodious floors, which are fully supplied with every appliance and facility for the successful prosecution of the business. In the stock will be found everything that a painter, paper hanger, grainer or gilder may need in his line of business outside of paints. The trade has managed to get along by make-shifts for tools, utensils, etc., and no matter how much an article was needed or how anxiously an employer desired to get the

proper utensil, there was no certain place in New York to obtain them, till Messrs. Reilly Bros. opened their present establishment. The firm make a specialty of tin, galvanized and sheet iron work for factories and attend carefully to tin roofing, etc. They likewise keep constantly in stock galvanized kalsomine pails, size kettles (double bottoms), oil and turpentine tanks, pumps, bung spouts; kalsomine strainers, paint strainers, painters' sundries, brush wash pots, work and wall pots with riveted ears, fresco cups, oil cans, charcoal burners, step ladders, rung ladders, fresco standards, trestles, swing scaffolds, ropes, blocks and irons (C. & Angle); pencilers' cups, paper hangers' tables, rollers, knives, straight edges, etc., kerosene oil stoves, automatic torches, and are agents in New York for Brennan's Brush Keeper. The trade of this popular firm extends throughout all sections of the United States and Canada. Both Messrs. Terence F. and Richard S. Reilly were born in Savannah, Ga.

D. J. KEEFE, Packer and Wholesale Dealer in Fresh and Pickled Tripe, Pigs' Feet, Lambs' Tongues, Nos. 626 and 628 West Forty-eighth Street.—The trade in provisions is undoubtedly one of the most important of the industries of the country, and a prominent house engaged in this trade in New York is that of Mr. D. J. Keefe, who has a national reputation as a packer and wholesale dealer in fresh and pickled tripe, pigs' feet, lambs' tongues, pork tongues, head cheese, etc., and has been established in the business here since 1879. His factory is a two-story brick building, 40x50 feet in dimensions, and is equipped and furnished with every modern appliance and all the latest improved machinery for the systematic conduct of the business, operated by steam power, and employment is given to from twenty to thirty hands. Only the best stock is handled, and the greatest care and attention is given to the product through all the stages of curing, while the supervision exercised in the factory is so complete that it is impossible for any inferior animal to be entered for consumption. Pickled tripe is sold by the barrel, half, quarter, or eighth-barrel; extra spiced tongues are furnished by the hundred, and these and other specialties of this house are absolutely unsurpassed for quality, flavor, and general excellence by those of any other first-class house in the trade. The connections of the house extend throughout the United States, Canada, South America and many European countries, and its trade is one of large magnitude and importance, resulting solely from the superior excellence of the output and the reliability of the business management. Orders by telephone or otherwise are given prompt attention in all cases. Mr. Keefe is an excellent type of the self-made man, who by industry, economy and perseverance has acquired the experience and capital for the successful conduct of this business.

M. CAIN & SON, Practical and Sanitary Plumbers and Gas Fitters, No. 502 West Fifty-second Street.—In the mechanical arts there is no branch of more importance than plumbing, gas and steam fitting. Among those who have gained an enviable reputation in this business in the upper section of the city, Messrs. M. Cain & Son deserve special mention. The founder of this business and the senior member of the present firm, Mr. Michael Cain, came from his native isle of Ireland to this country in 1849, and in 1855 established the enterprise of which he is still the head at No. 688 Sixth avenue, and from which location he subsequently removed to the present. In May, 1887, he admitted his son, Mr. Francis J. Cain, who is a native of New York, into partnership. Both members of the firm have spent the best years of their lives in the plumbing, gas and steam fitting trade, and they are each fully conversant with every detail of the business. The firm occupy suitable and well equipped premises for the business. There is kept on hand a full line of plumbers', steam and gas fitters' supplies, brackets, etc., of the latest designs and patterns. Everything in the way of ventilating, sanitary plumbing, steam and gas fitting is done, in which work from six to fifteen hands are employed. Contracts are entered into, and the complete fitting up of buildings of all kinds is carefully and satisfactorily executed. Sanitary plumbing is a specialty of this reliable house, and patrons can always implicitly rely upon the skill and ability of the proprietors, their long-standing in the trade being a sure guarantee of their responsibility



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A widely and favorably known New York firm engaged in the production of gold pens and kindred stationery specialties is that of H. M. SMITH & Co., manufacturers of Fine Gold Pens, Pen and Pencil Cases, Tooth Picks, Pencils, etc., No. 83 Nassau Street, whose productions have secured an enduring hold on popular favor throughout the entire country, and as a consequence the same are in wide and growing demand in the trade all over the United States, while they are exported quite extensively also.

This enterprising and flourishing firm was established in 1867, and from the inception of the venture down to the present day its career has been a history of unbroken prosperity. Making and handling a very superior class of goods, prompt and reliable in all their dealings and transactions, and being withal men of push, sagacity, and excellent business qualities, it is only in the nature of things that the firm should have attained the full measure of success that has attended their well-directed efforts from the start.

The business premises are ample and completely equipped, and a large and first-class assortment is carried constantly in stock, including besides fine gold pens in every size, style and variety, elegant pen and pencil cases in unique designs and exquisite finish, pencils of every description, tooth picks and kindred stationery specialties; also a complete and A1 line of American watches, in which the firm do a very substantial jobbing trade. They are agents likewise for PAUL E. WIRT's Fountain Pen, an article of unequivocal merit, as it is needless to mention, and altogether the business of the house, which is of a wholesale character exclusively, is at once large, prosperous, and permanent. The firm is composed of Messrs. Horace M. Smith, Horace R. Bateman, Chauncey N. Frazier, and I. Augustus Noe; the senior member and Mr. Bateman, who are respectively natives of Massachusetts and New York States, being resident partners, while Messrs. Frazier and Noe reside in Norwalk, O., and Hudson, Mich., respectively.

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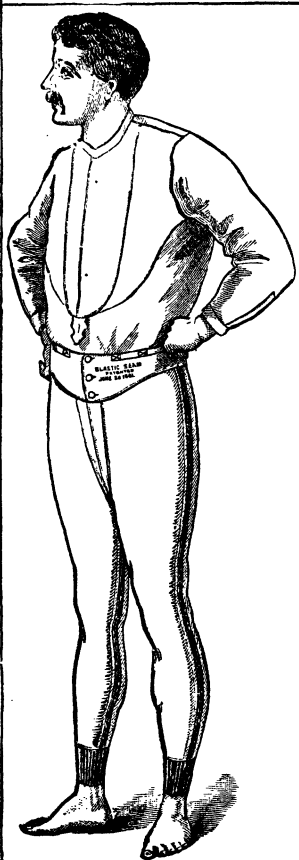
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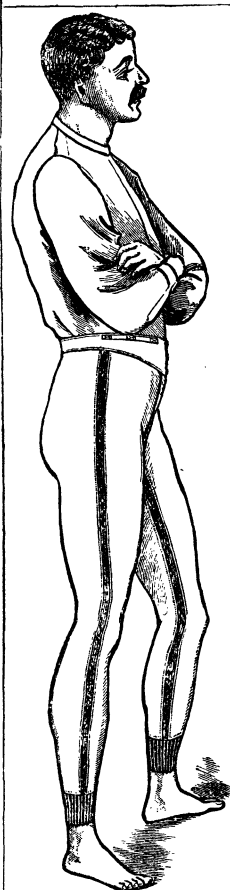
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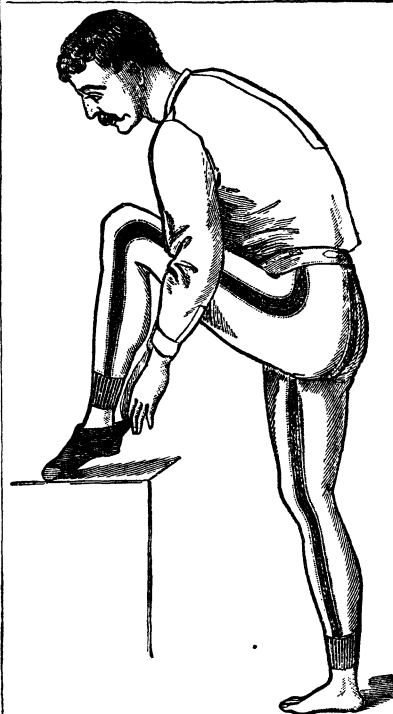
THESE Drawers conform strictly to the outline of the figure when standing at rest, and give ease and comfort, and are without that tightness of feeling necessarily produced by other garments.



ONE of the peculiarities of these Drawers is that the seams only being elastic, they allow a remarkably easy action in walking, as all the friction caused by motion is at once transferred to the seams, while the main fabric of the Drawers is allowed to retain its shape and position.

IT will also be found that these Patent Elastic Seam Drawers are equally well adapted to all athletic positions, and allow the greatest freedom and ease of motion. In the position assumed in the last cut not the least tension is produced on the main portion of the goods, while the elastic seams allow the transformation of the figure as seen in the position, which would be impossible in others, without producing great strain on the goods and friction upon the person.

ARE provided with an improvement consisting of an Elastic Insertion at the inner and outer seams, which gives elasticity in movement and comfort in fit. The Drawers are cut in figure outlines and afford the wearer all the advantages of knit goods, while retaining the superior comfort of woven fabric. The Patent Elastic Seam, which contains no rubber, retains its springiness, and wears longer than the other portion of the garment. It makes the Drawers conform to the position of the wearer, and avoids any strain, no matter what attitude the body assumes.



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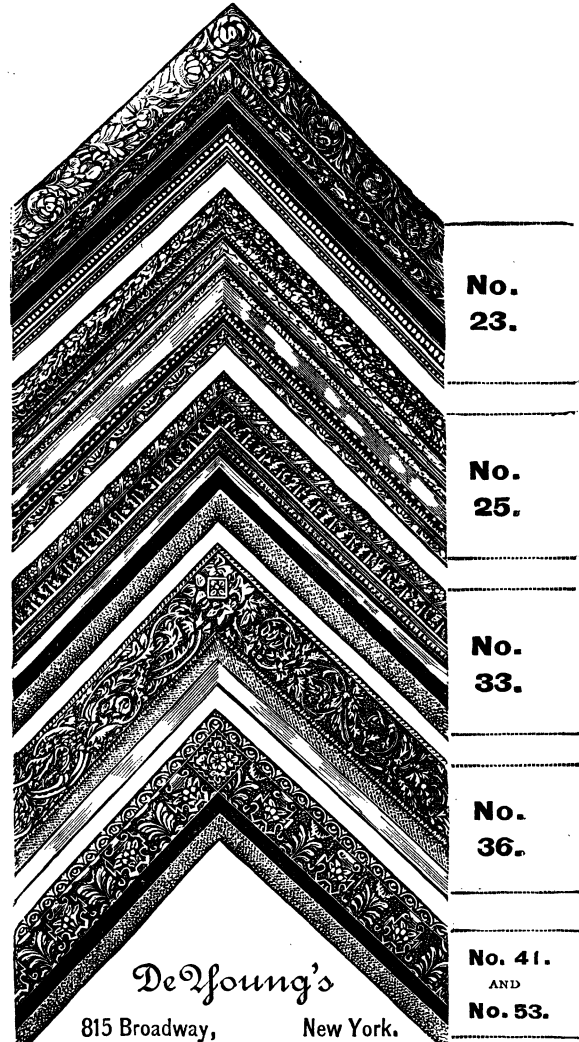
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